MediaFLO USA

Automotive Interaction Design

Interactive Wireframes | Audiovox

Wed Apr 22 2009

MUX

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MediaFLO User Experience

// Instructions

The following document represents an in-car FLO TV system with headrest rear displays consisting of RCU controls.

This document is clickable and meant to serve as a lo-fi prototype that can communicate roughly how someone would use the in-car system. In order to navigate this document, use your mouse to click on controls.

// Audiovox Headrest Screen

The in-car video package consists of two headrest 7" monitors both containing a built-in DVD player and accessible via remote control. Viewers can watch FLO TV on one or both screens, although two different channels cannot be viewed simultaneously.

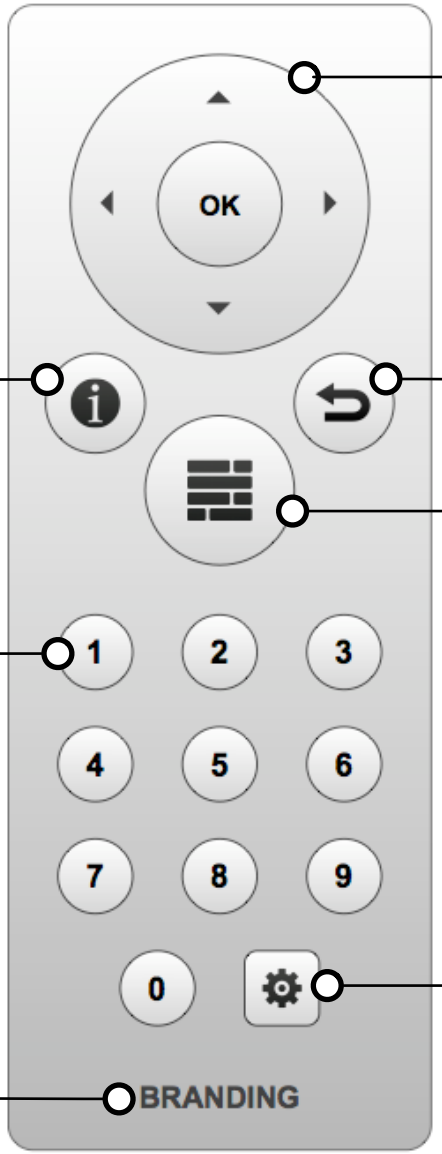
Screen flips down for DVD player.

Type TFT Active Matrix LCD
Resolution 1440 (W) x 234 (H)
Pixels 336,960
Video Display System NTSC/PAL

// Audiovox Headset

The wireless headset is used by rear seat passengers to listen to TV audio without distracting others in the car. It is packaged with either an FM transmitter or a direct line out audio connection to the automobile's aux audio in, which is how the driver can play TV audio throughout the cabin of the automobile.

// FLO TV Remote Control Unit | Wireless



D-Pad can be used for channel change (up/down), navigating menus, and selecting items.

Info button allows the user to toggle on/ off channel information and show information. First state is Channel Information, second state is Show Description, and third state is back to TV.

Back button takes the user back one screen when in the Menu, Show Information, Show Description, or Guide. Path ends at full screen TV.

Guide button allows viewer to toggle on/off the FLO TV Program Guide.

Number keys are used for invoking a favorite channel and PIN entry.

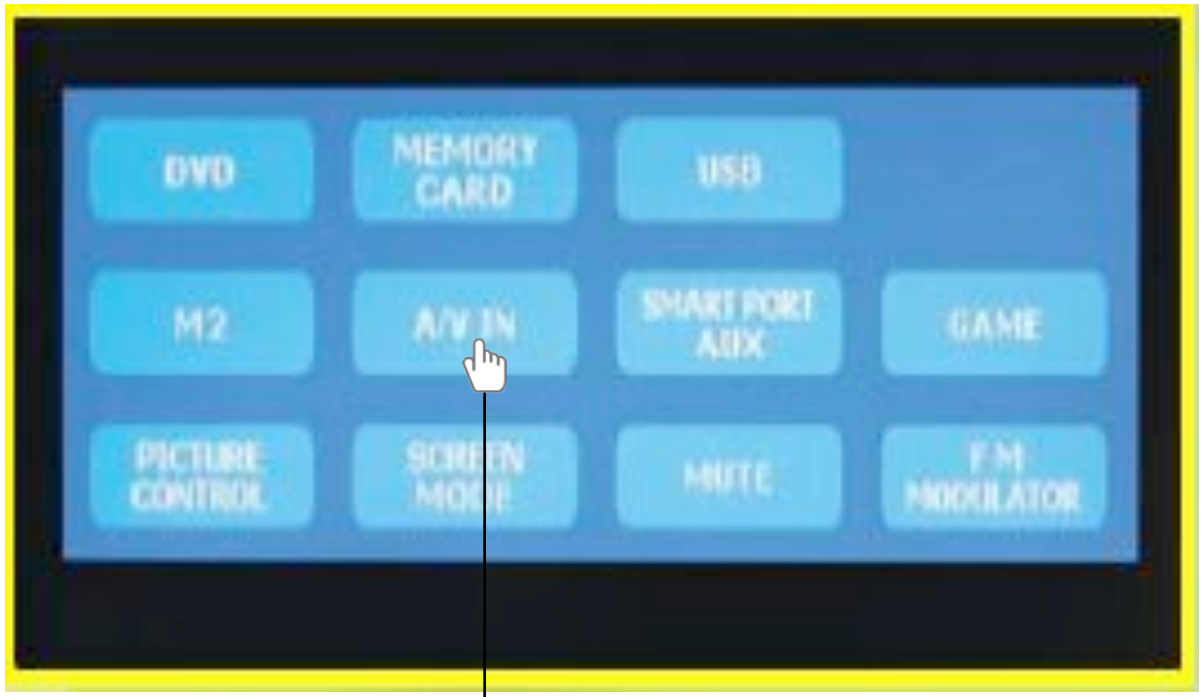
Settings button allows the viewer to toggle on/off the FLO TV settings menu.

Brandable area.

* As currently designed, the tethered RCU duplicates the wireless RCU functionality.

TV

// TV | Launch

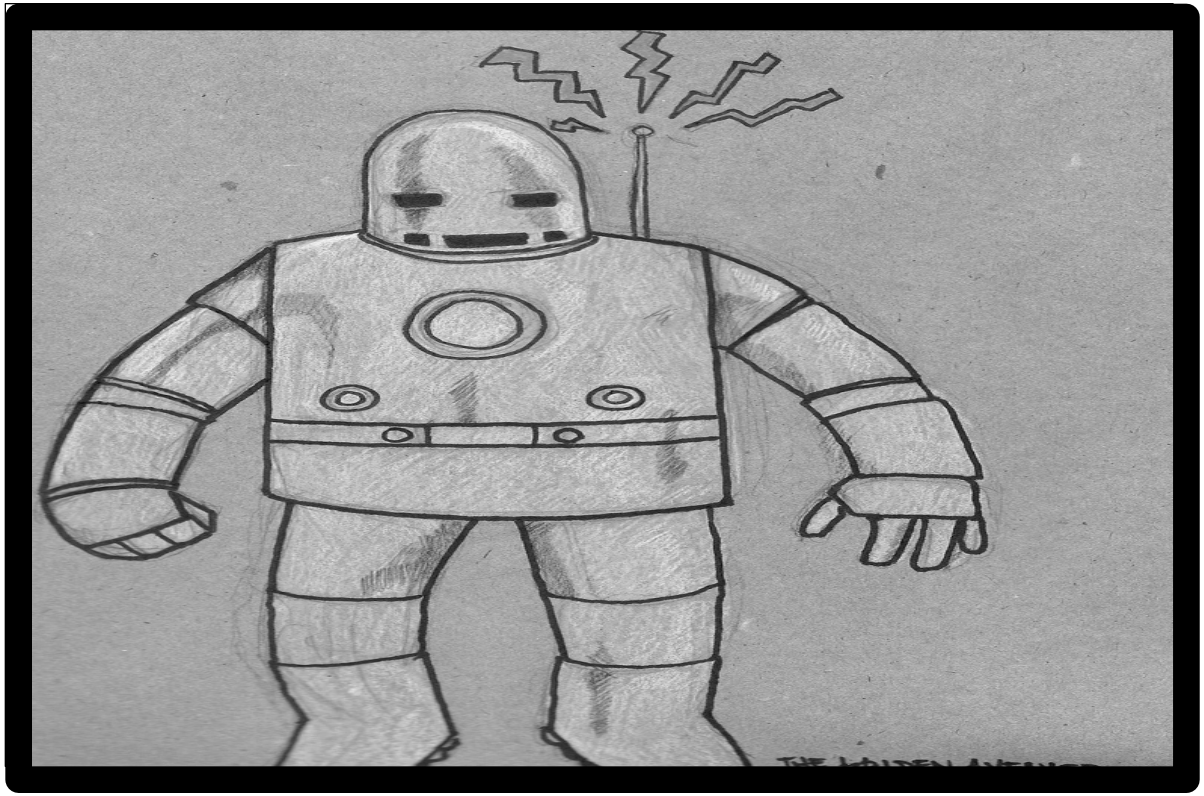


Enter TV Mode

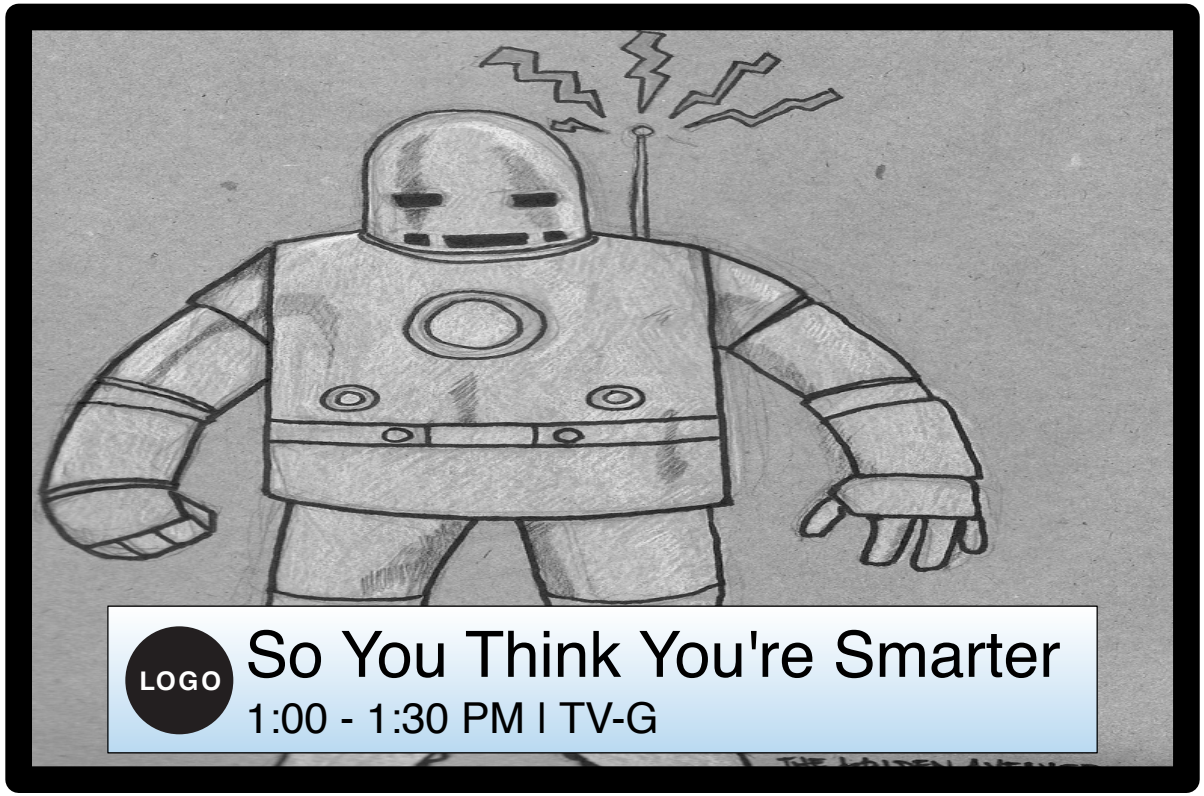
Audiovox Menu Options

DVD
Memory Card
USB
M2
A/V In
Smart Port Aux
Game
Picture Control
Screen Mode
Mute
FM Modulator

// TV | NBC | Watch Show

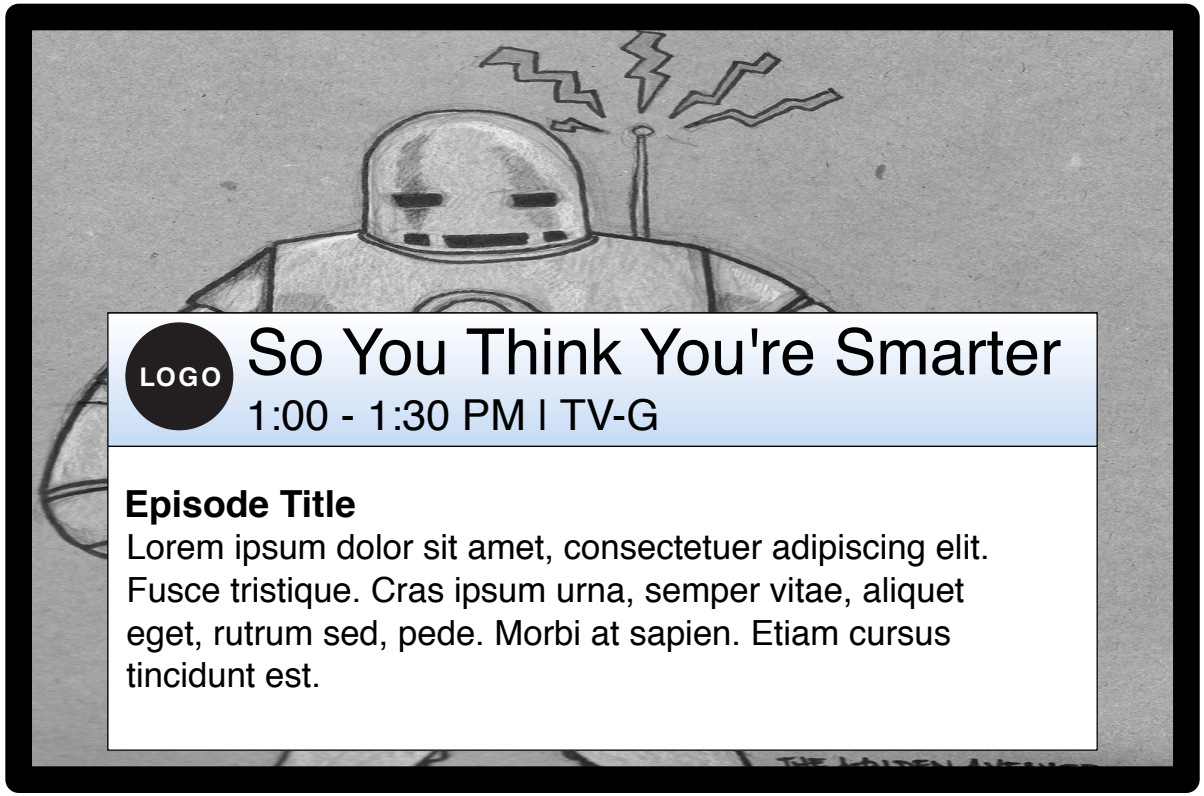


// TV | NBC | Channel Info

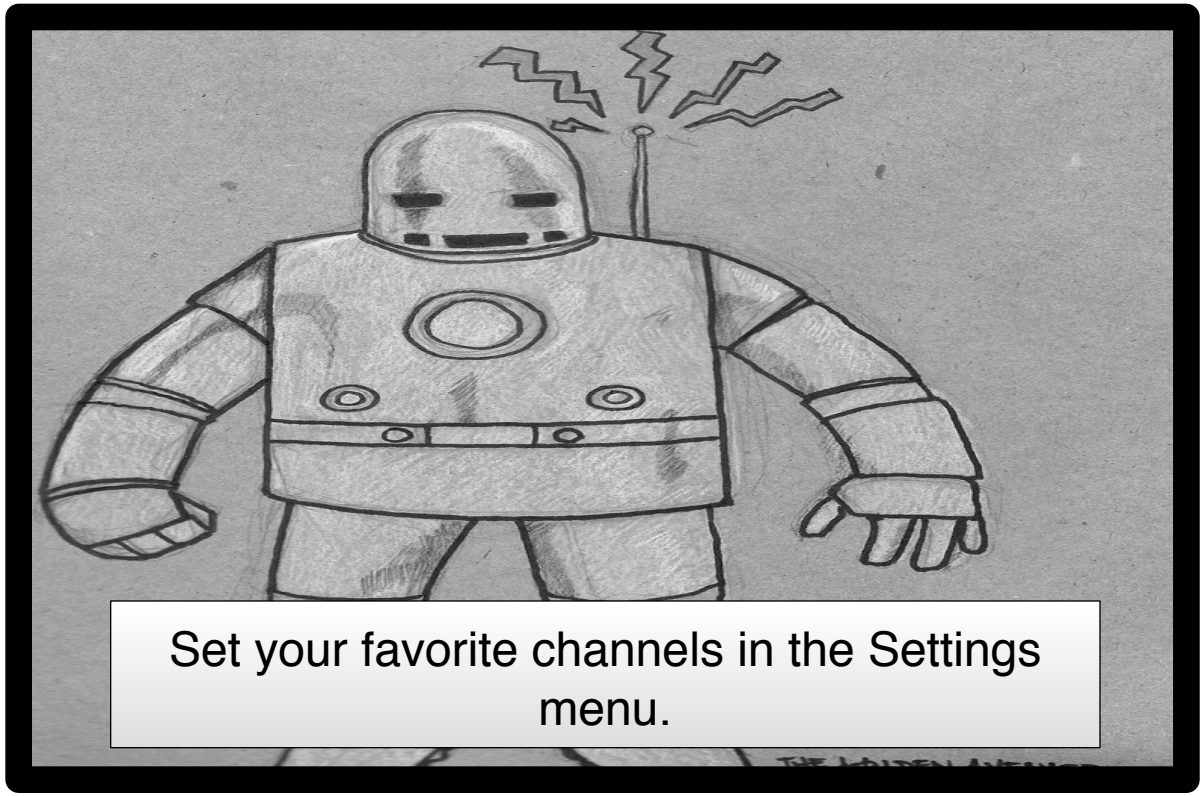


Overlay Times Out

// TV | NBC | Show Info


LOGO
So You Think You're Smarter
1:00 - 1:30 PM I TV-G
Episode Title
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique. Cras ipsum urna, semper vitae, aliquet eget, rutrum sed, pede. Morbi at sapien. Etiam cursus tincidunt est.

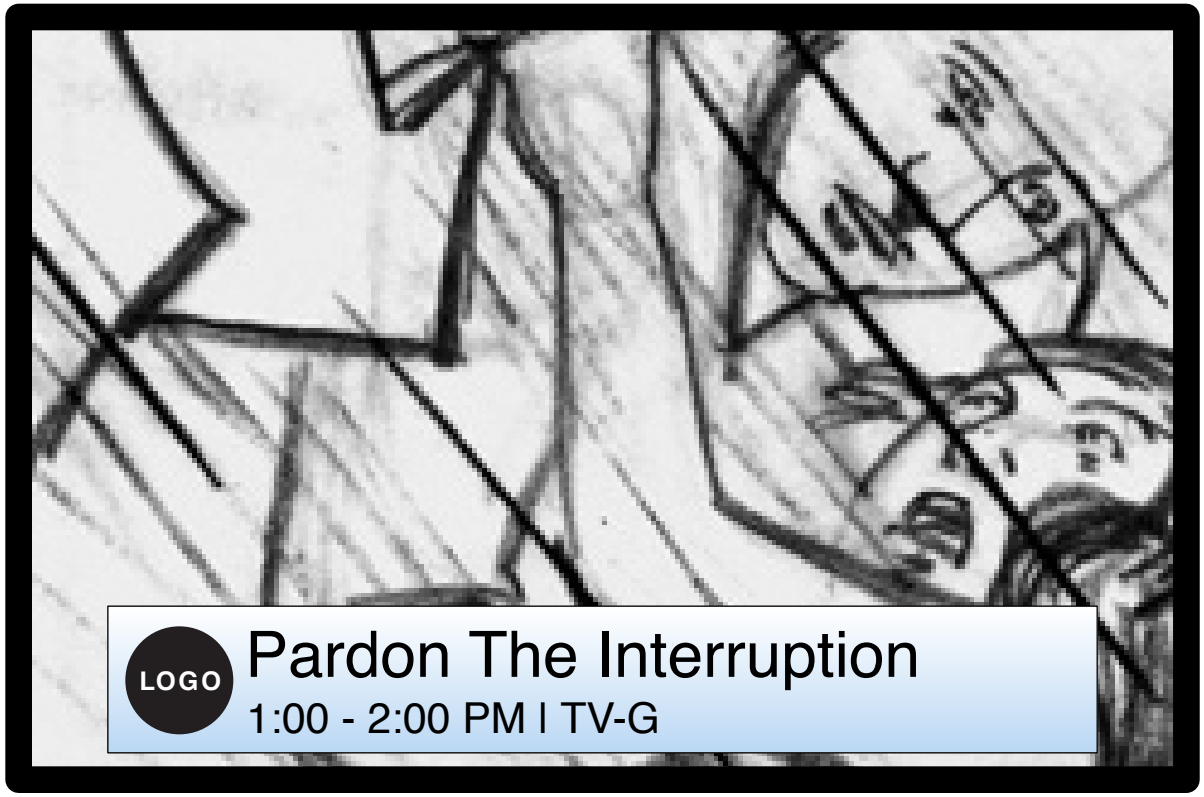
// TV | NBC | Favorite Hint



Overlay Times Out

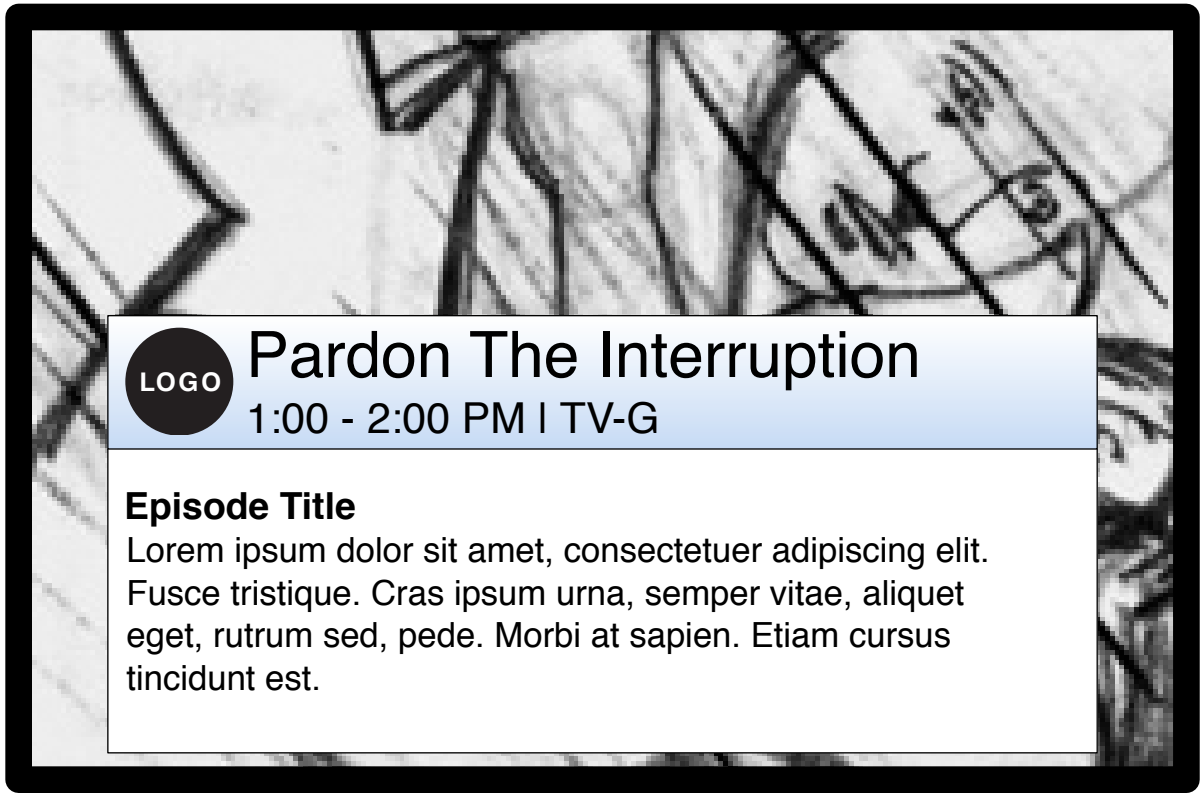
// TV | CBS | Watch Show

// TV | CBS | Channel Info



Overlay Times Out

// TV | CBS | Show Info


LOGO
Pardon The Interruption
1:00 - 2:00 PM I TV-G
Episode Title
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique. Cras ipsum urna, semper vitae, aliquet eget, rutrum sed, pede. Morbi at sapien. Etiam cursus tincidunt est.

// TV | CBS | Favorite Hint

Overlay Times Out

// TV | FOX | Watch Show

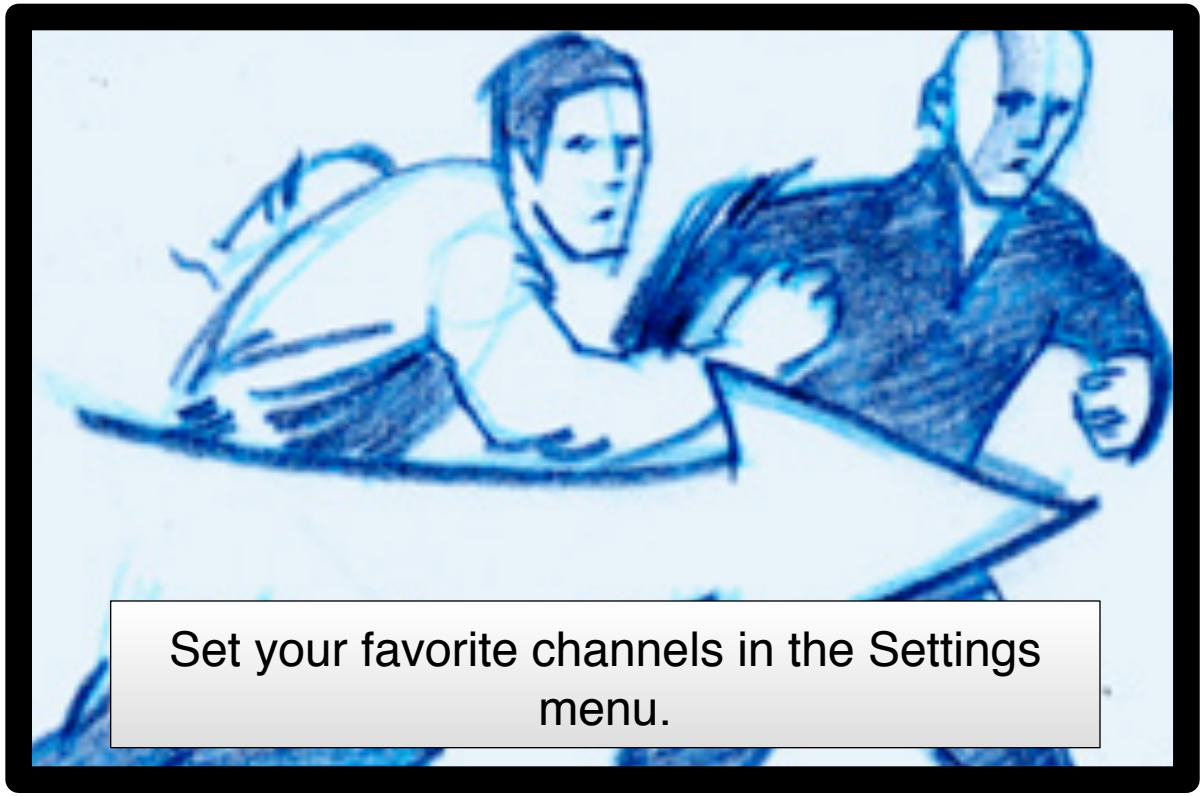
// TV | FOX | Channel Info

Overlay Times Out

// TV | FOX | Show Info

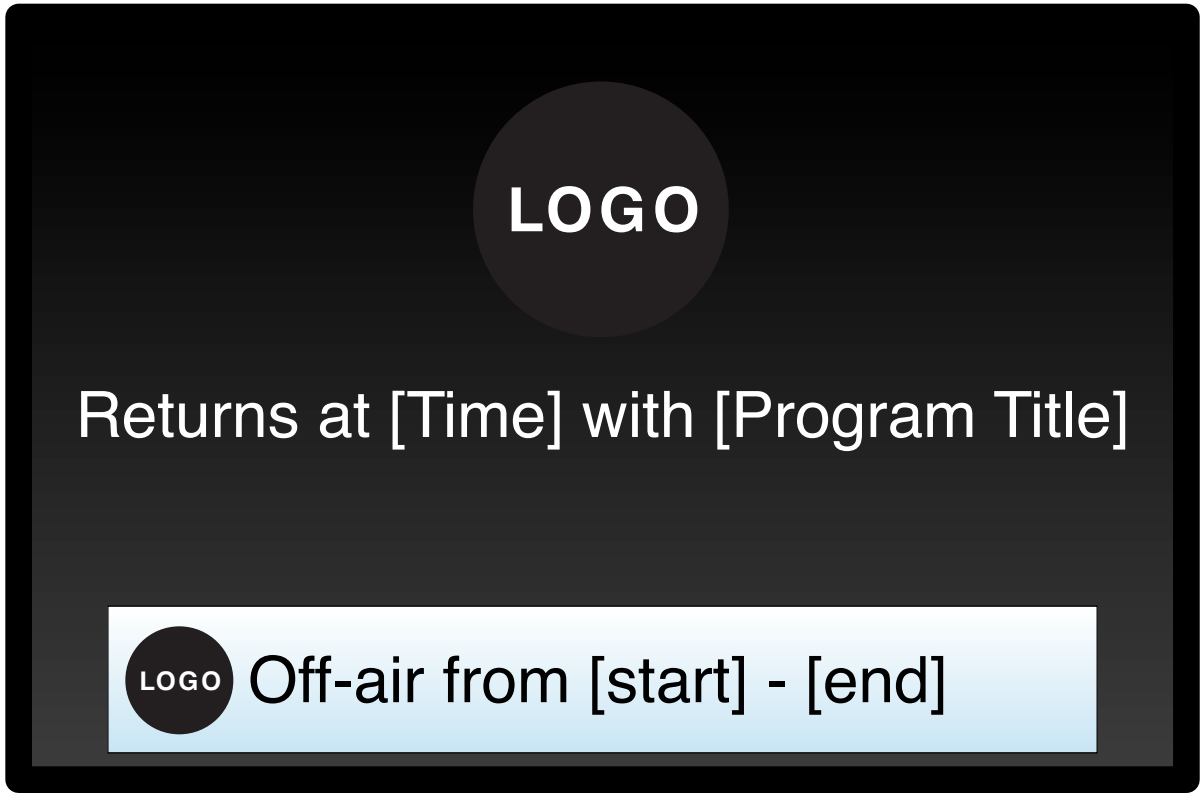
LOGO
The Hills
1:00 - 2:00 PM I TV-PG
Episode Title
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique. Cras ipsum urna, semper vitae, aliquet eget, rutrum sed, pede. Morbi at sapien. Etiam cursus tincidunt est.

// TV | FOX | Favorite Hint



Overlay Times Out

// TV | Off-Air | Channel Info



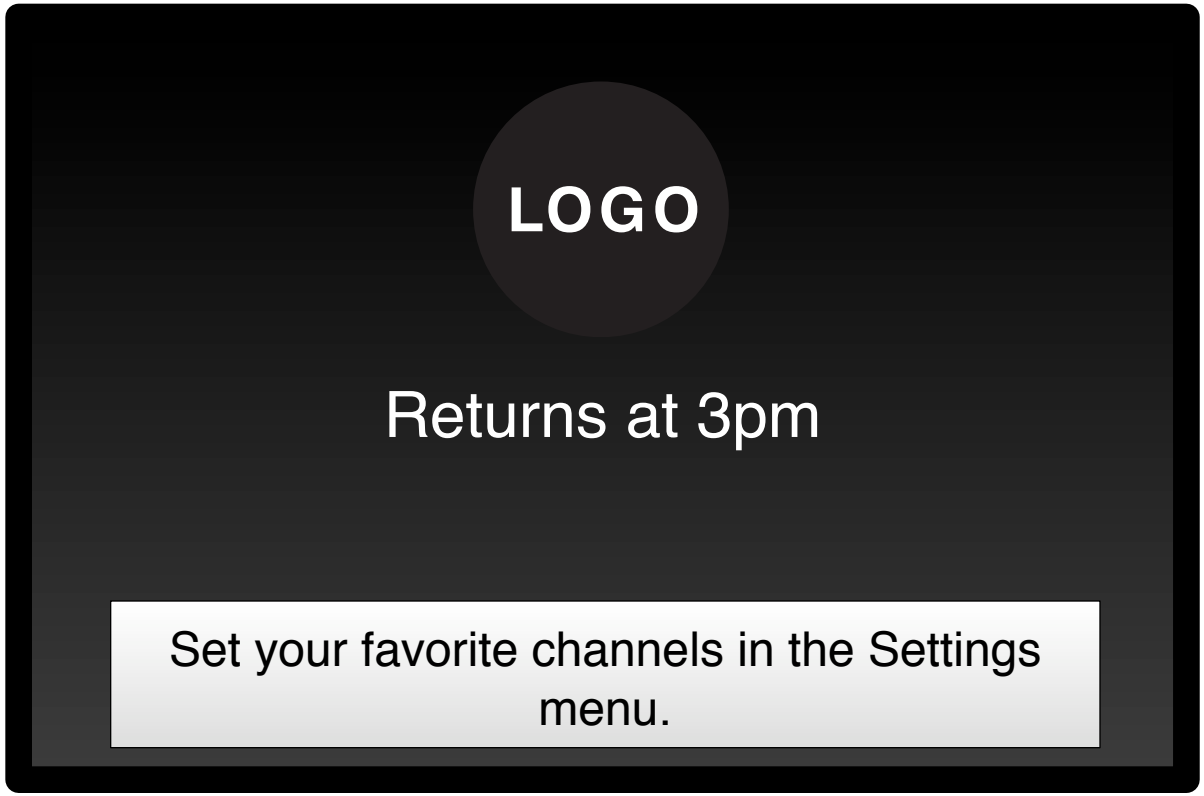
Overlay Times Out

// TV | Off-Air

LOGO

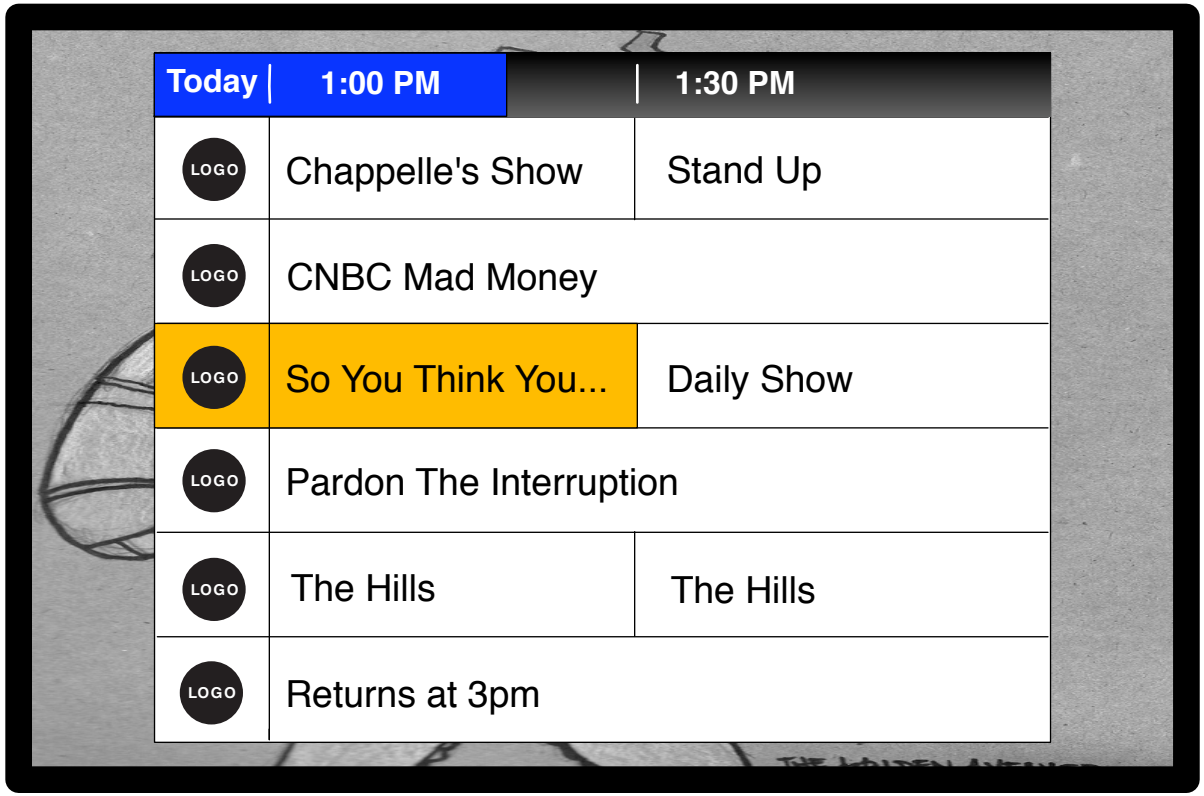
Returns at [Time] with [Program Title]

// TV | Off-Air | Favorite Hint



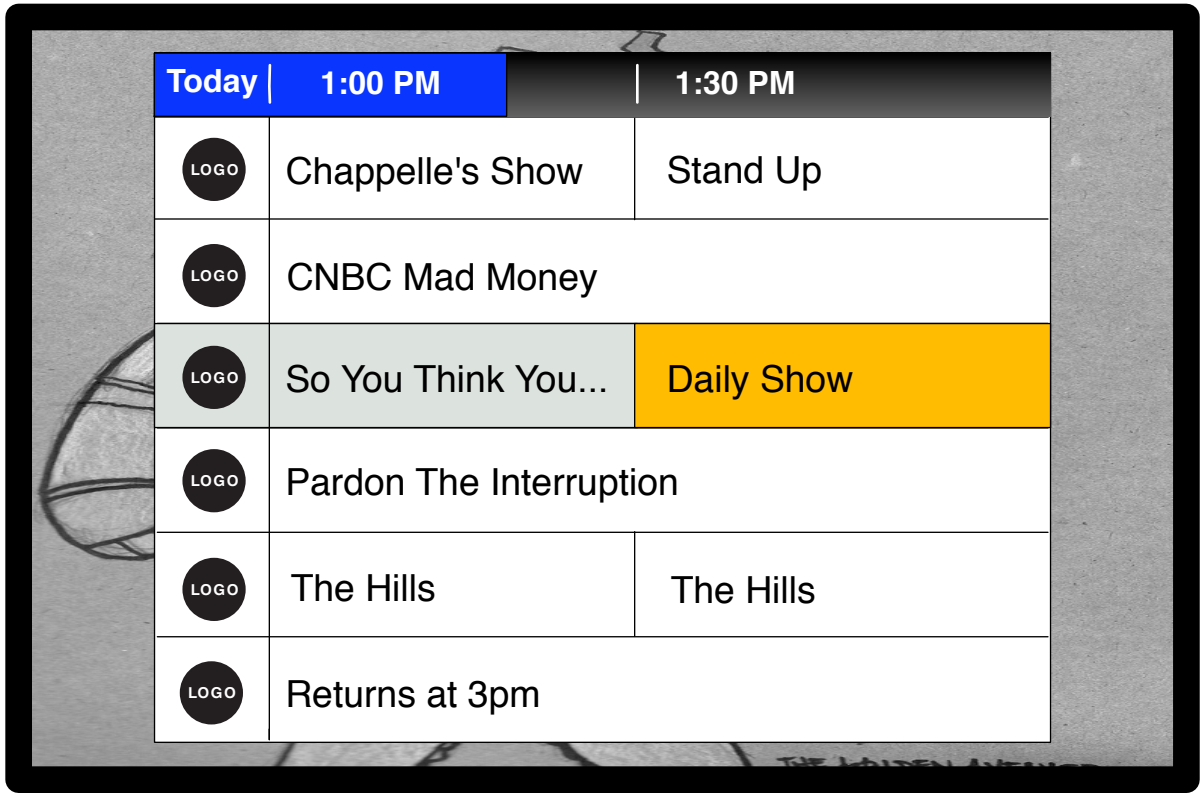
Electronic Program Guide

// TV | EPG

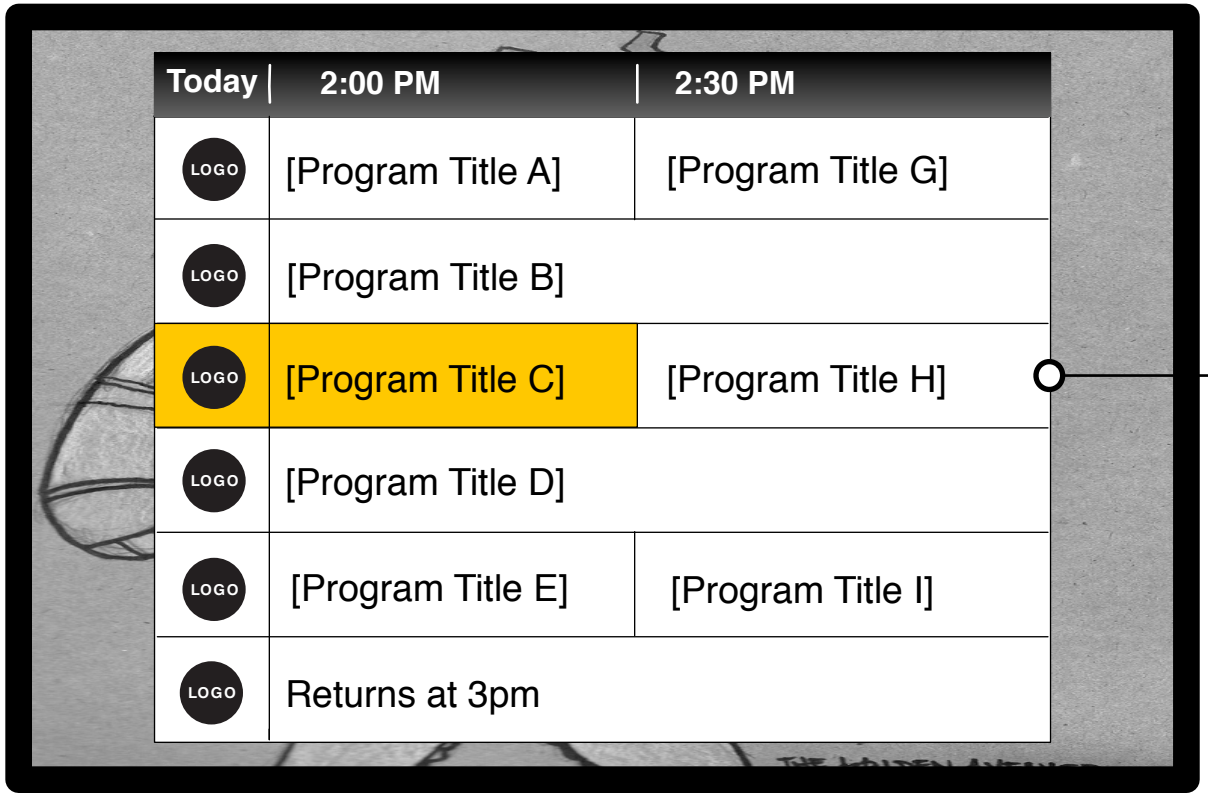

Today
1:00 PM
1:30 PM
LOGO
Chappelle's Show
Stand Up
LOGO
CNBC Mad Money
LOGO
So You Think You...
Daily Show
LOGO
Pardon The Interruption
LOGO
The Hills
The Hills
LOGO
Returns at 3pm

OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// TV | EPG Future Show



// TV | EPG More Guide Data

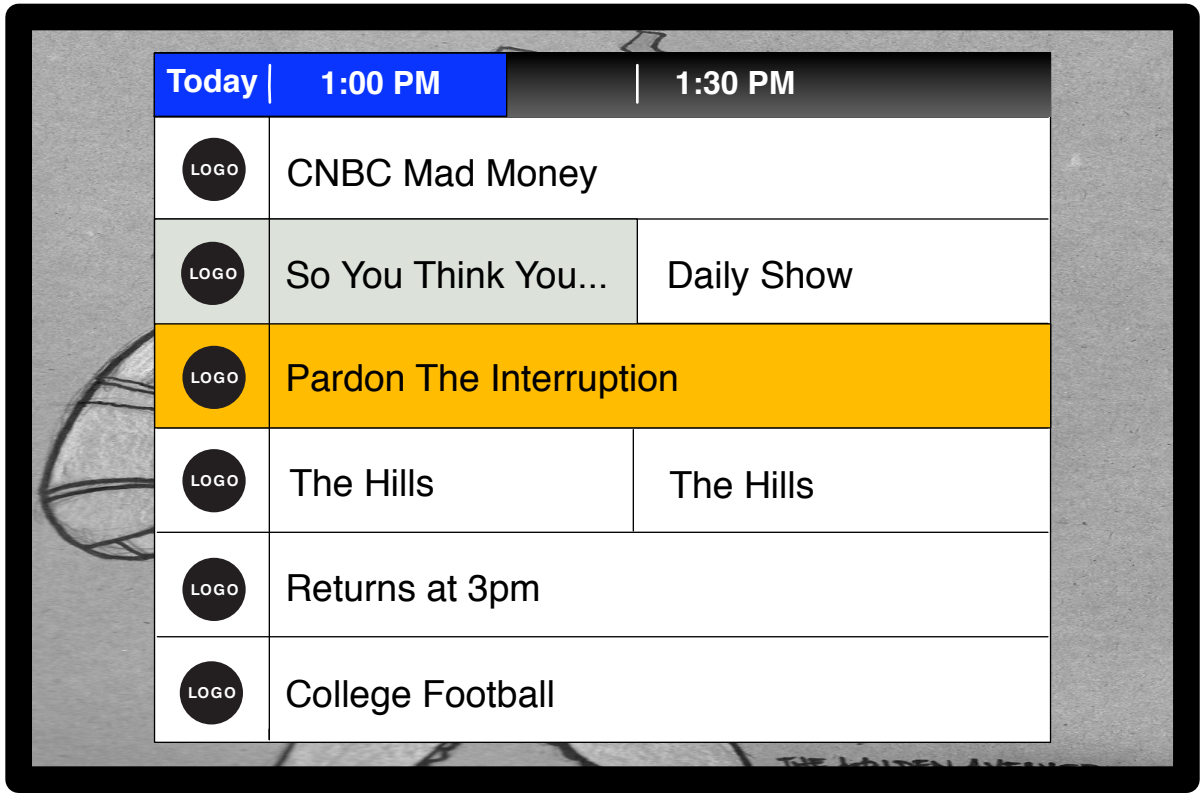


EPG data requirements are the same as PTV and user can continue to scroll forward into the future.

// TV | EPG Future Show Description

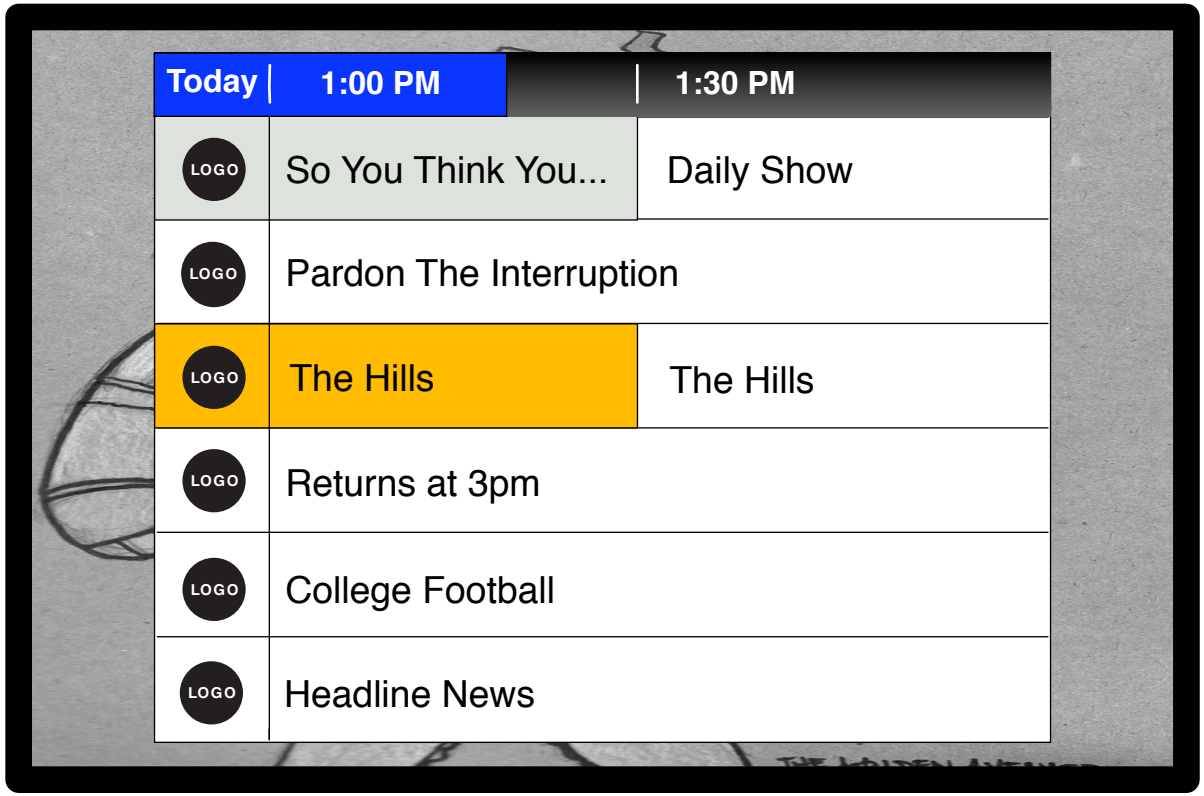
LOGO
Daily Show
1:30 - 2:00 PM I TV-14
Episode Title
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique. Cras ipsum urna, semper vitae, aliquet eget, rutrum sed, pede. Morbi at sapien. Etiam cursus tincidunt est.

// TV | EPG 1


Today
1:00 PM
1:30 PM
LOGO
CNBC Mad Money
LOGO
So You Think You...
Daily Show
LOGO
Pardon The Interruption
LOGO
The Hills
The Hills
LOGO
Returns at 3pm
LOGO
College Football

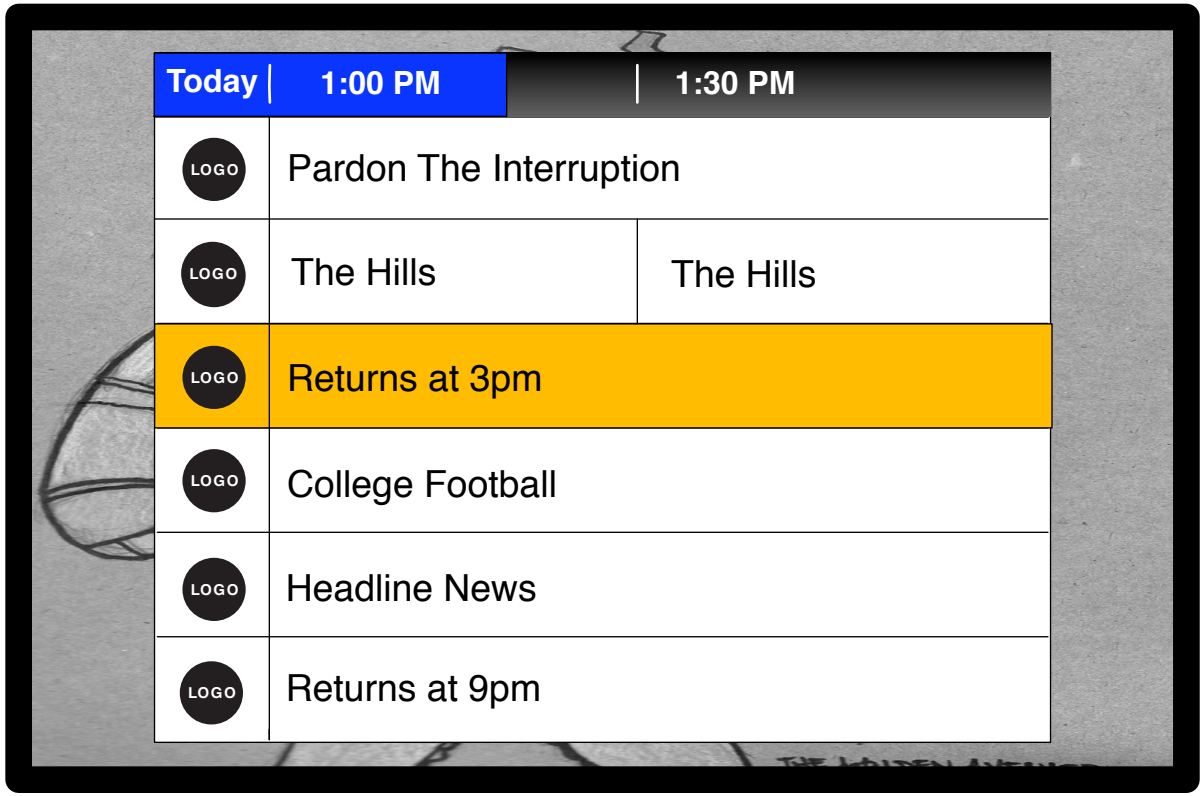
OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// TV | EPG 2


Today
1:00 PM
1:30 PM
LOGO
So You Think You...
Daily Show
LOGO
Pardon The Interruption
LOGO
The Hills
The Hills
LOGO
Returns at 3pm
LOGO
College Football
LOGO
Headline News

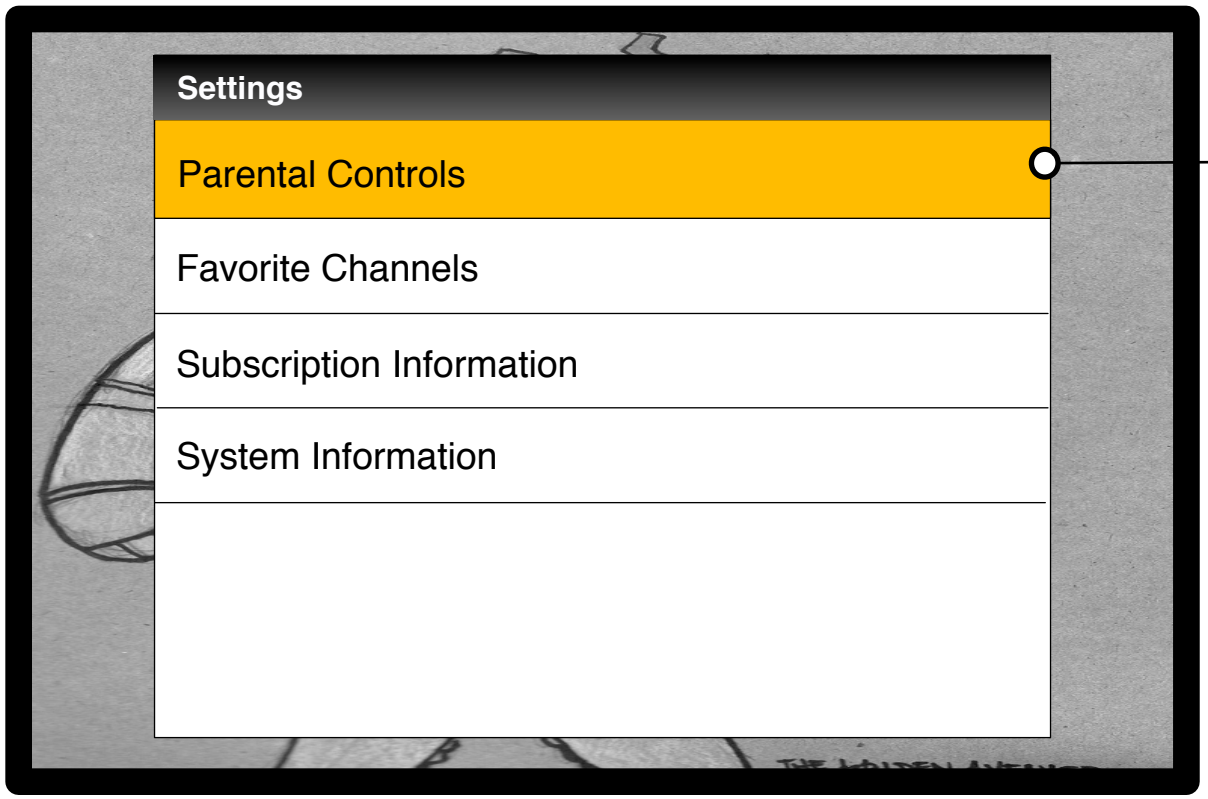
OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// TV | Off Air Channel



Settings Menu

// Settings Menu | Top | Parental Controls

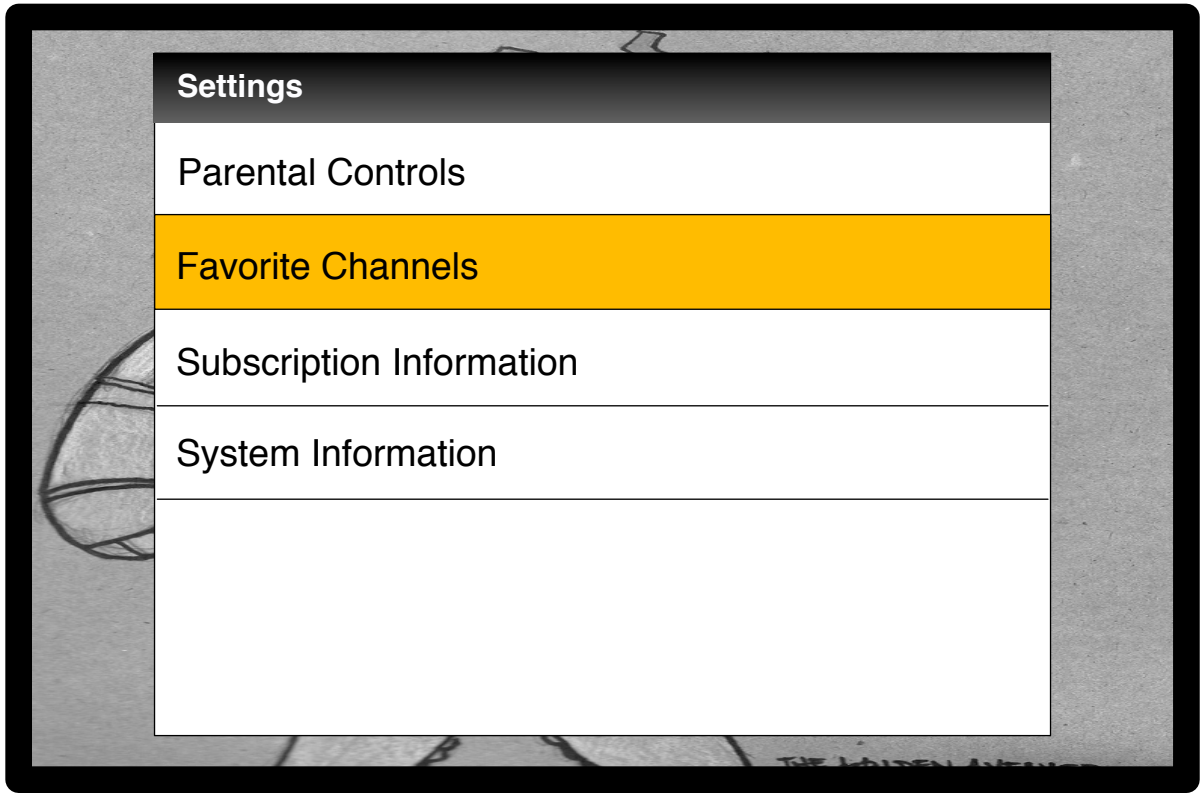


User has a PIN set

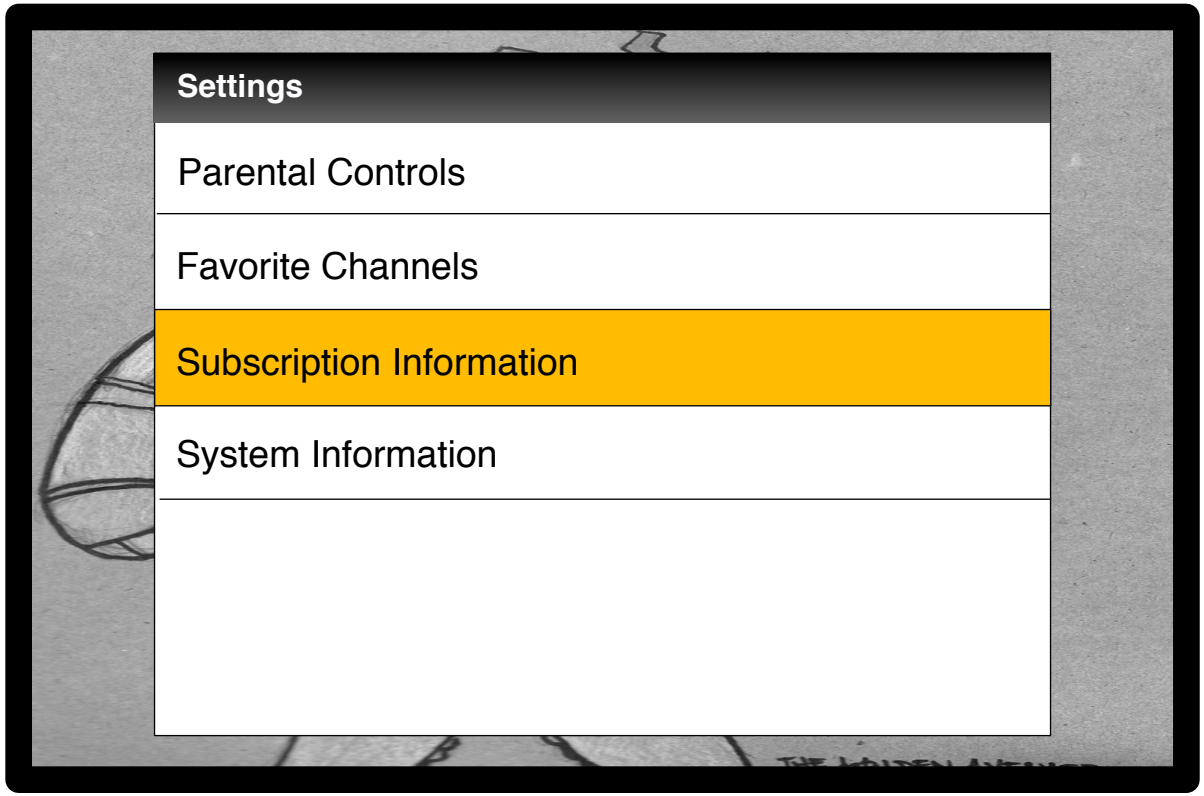
Simulates behavior of no PIN set.

If PIN is set, then prompt for PIN entry.

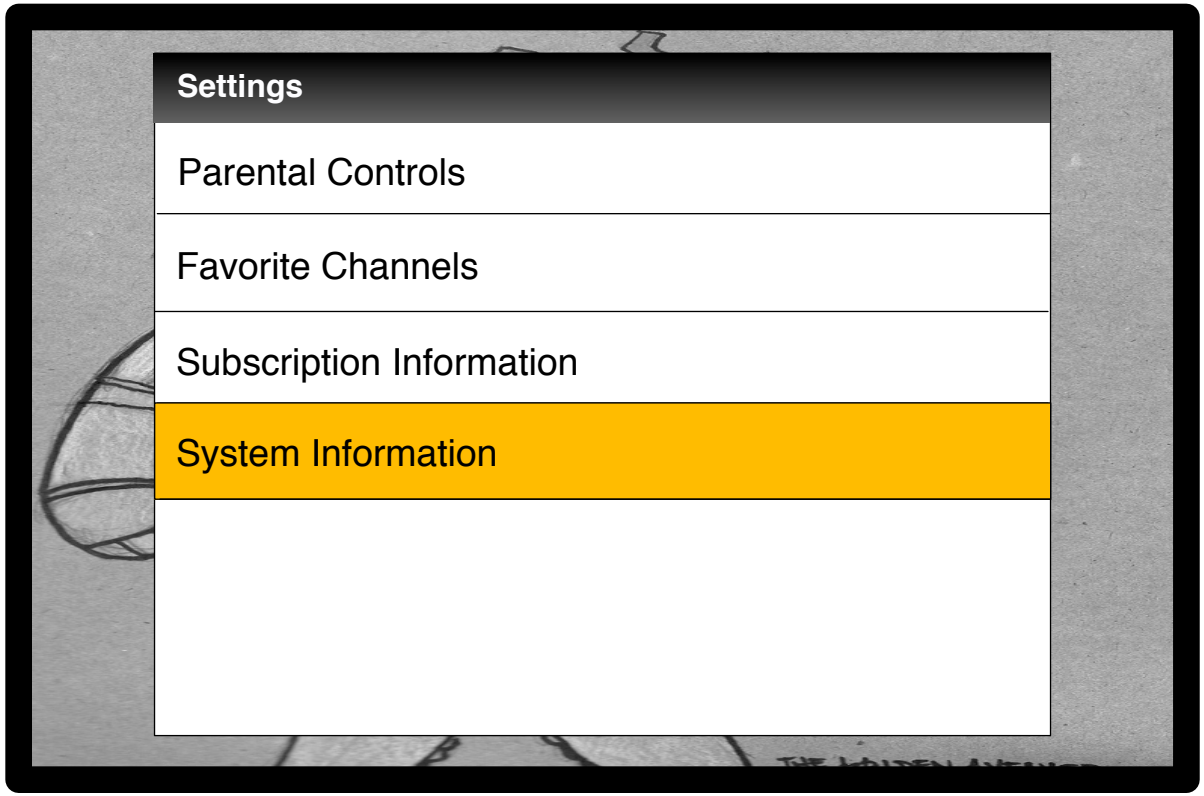
// Settings Menu | Top | Favorite Channels



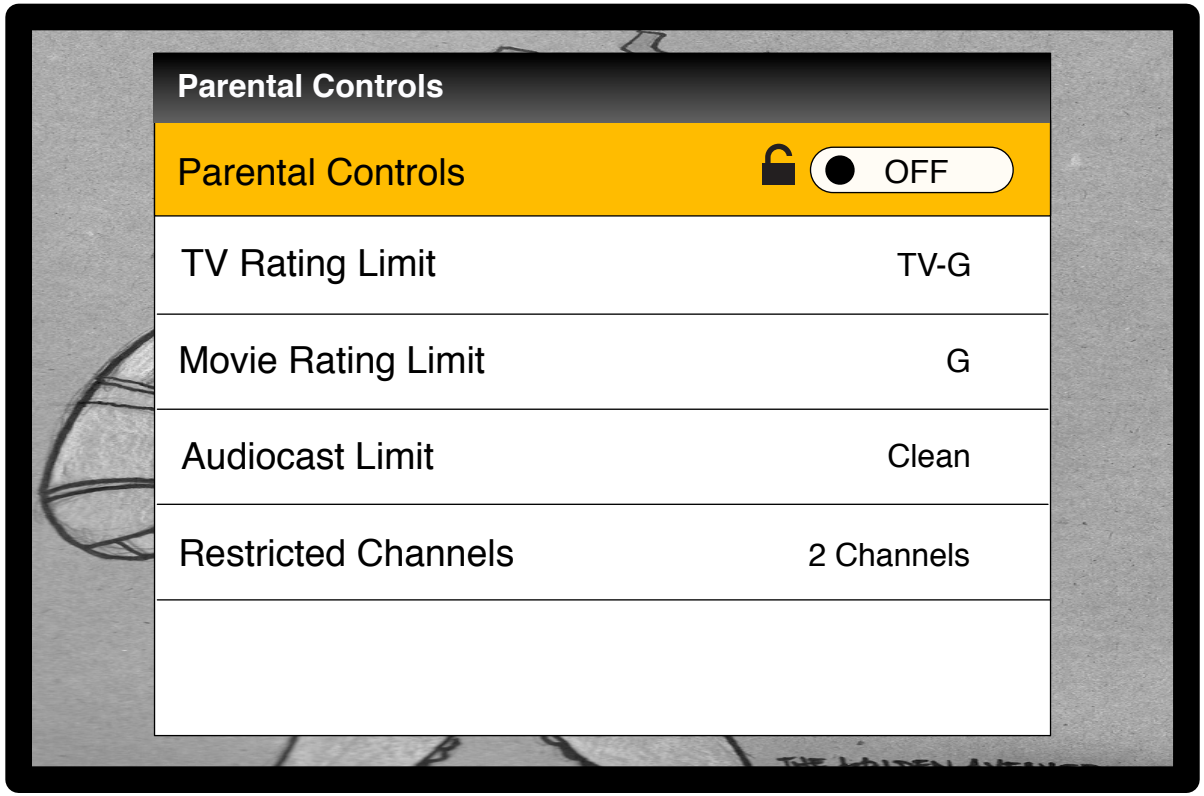
// Settings Menu | Top | Subscription Information



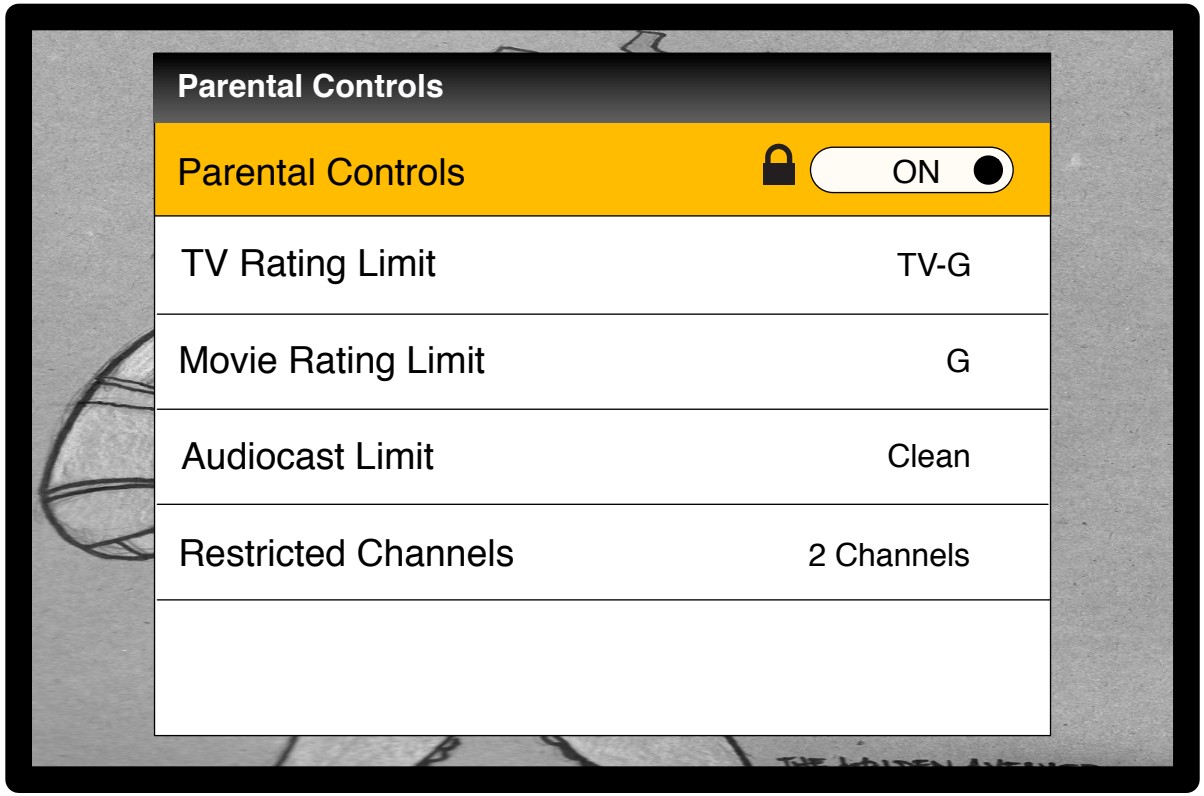
// Settings Menu | Top | System Information



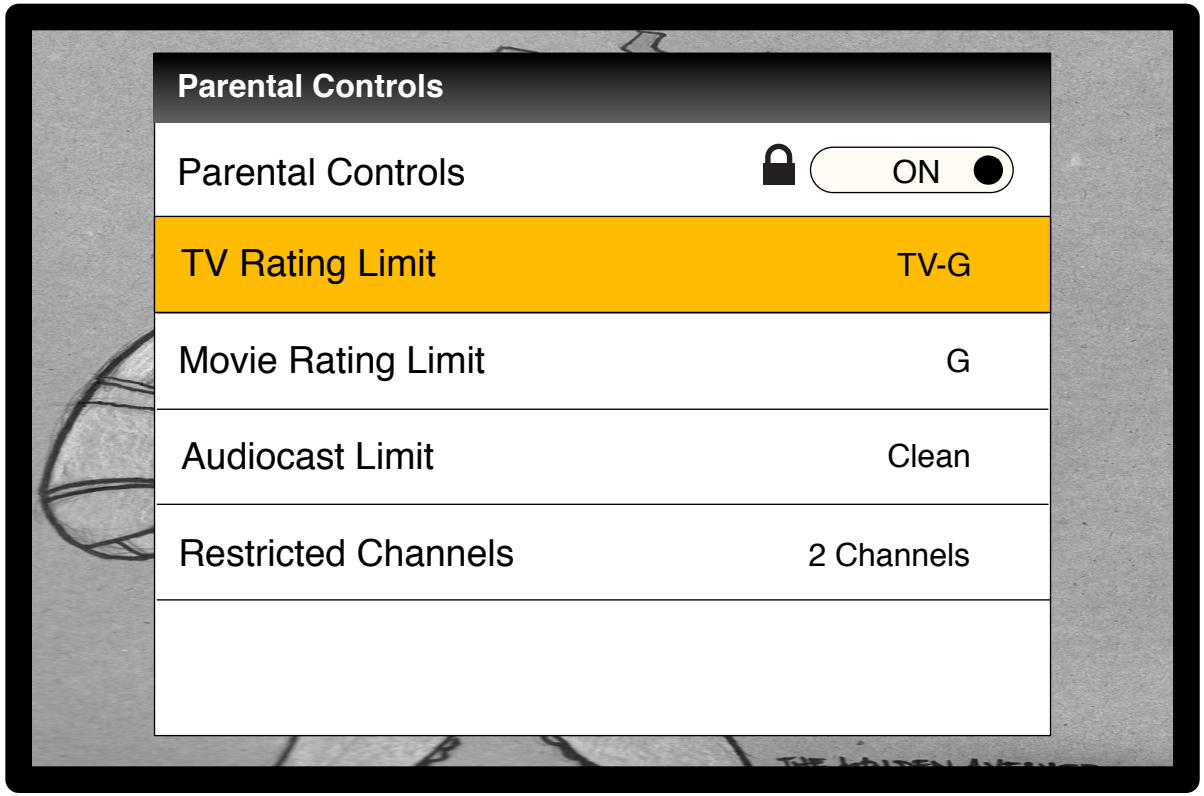
// Settings Menu | Parental Controls | Off



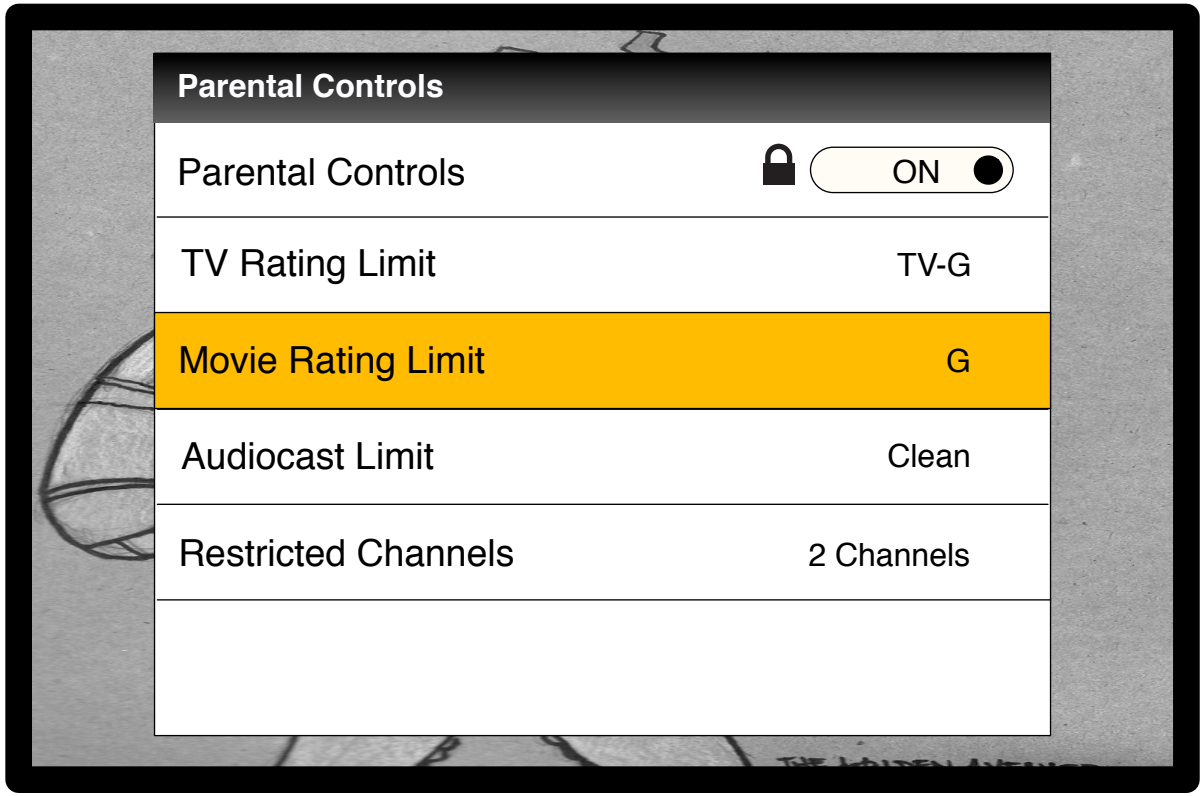
// Settings Menu | Parental Controls | On



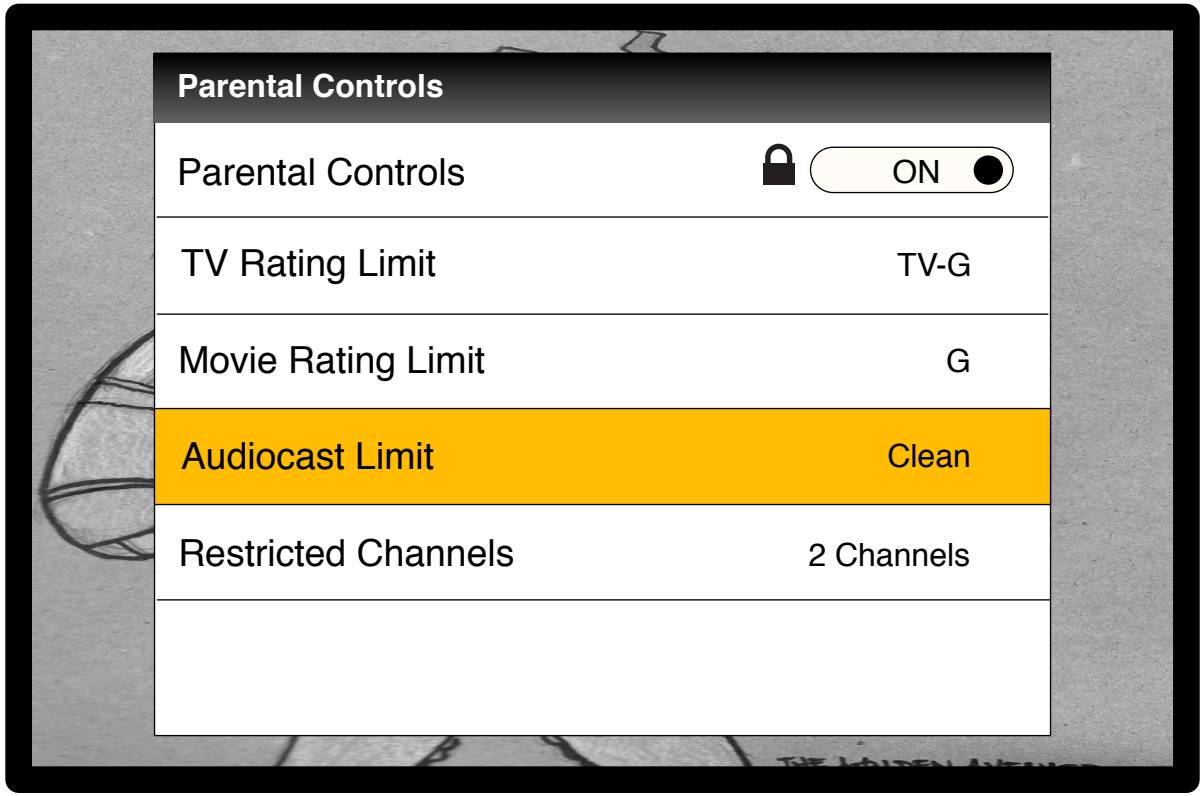
// Settings Menu | Parental Controls | TV Rating Limit



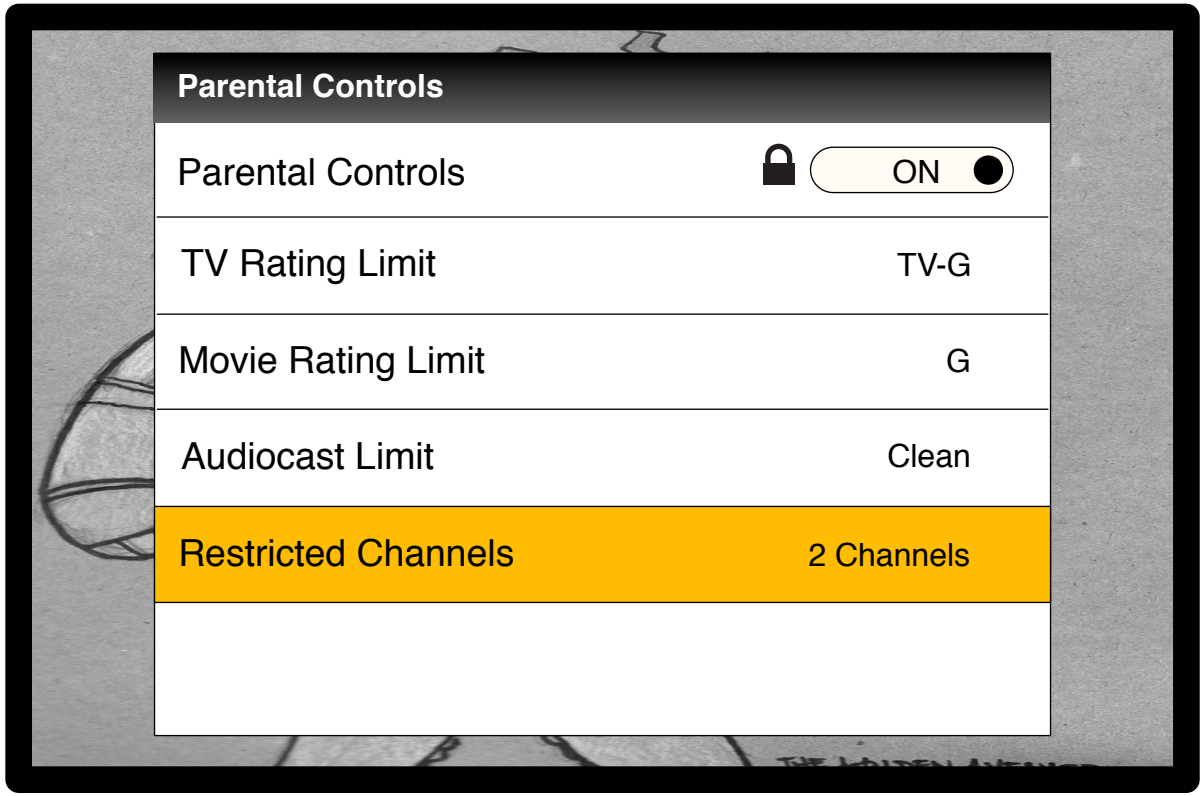
// Settings Menu | Parental Controls | Movie Rating Limit



// Settings Menu | Parental Controls | Audiocast Limit

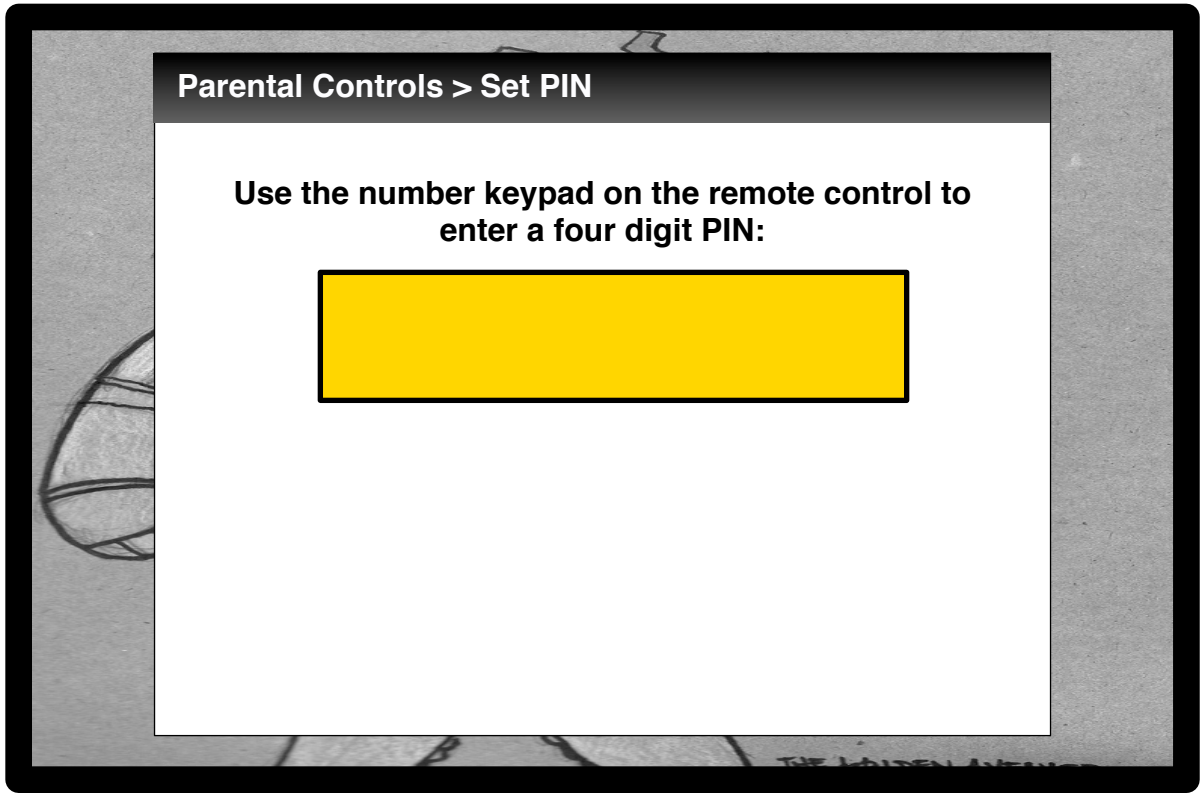


// Settings Menu | Parental Controls | Restricted Channels

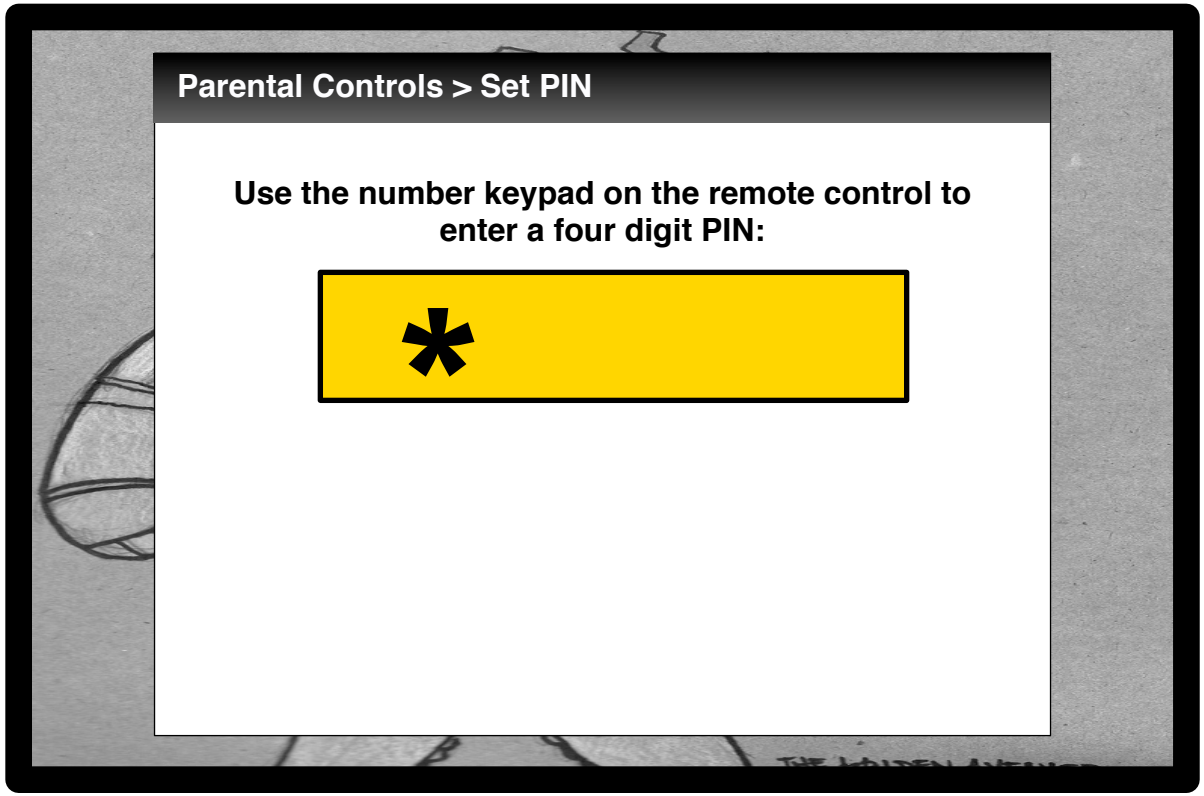


Set PIN

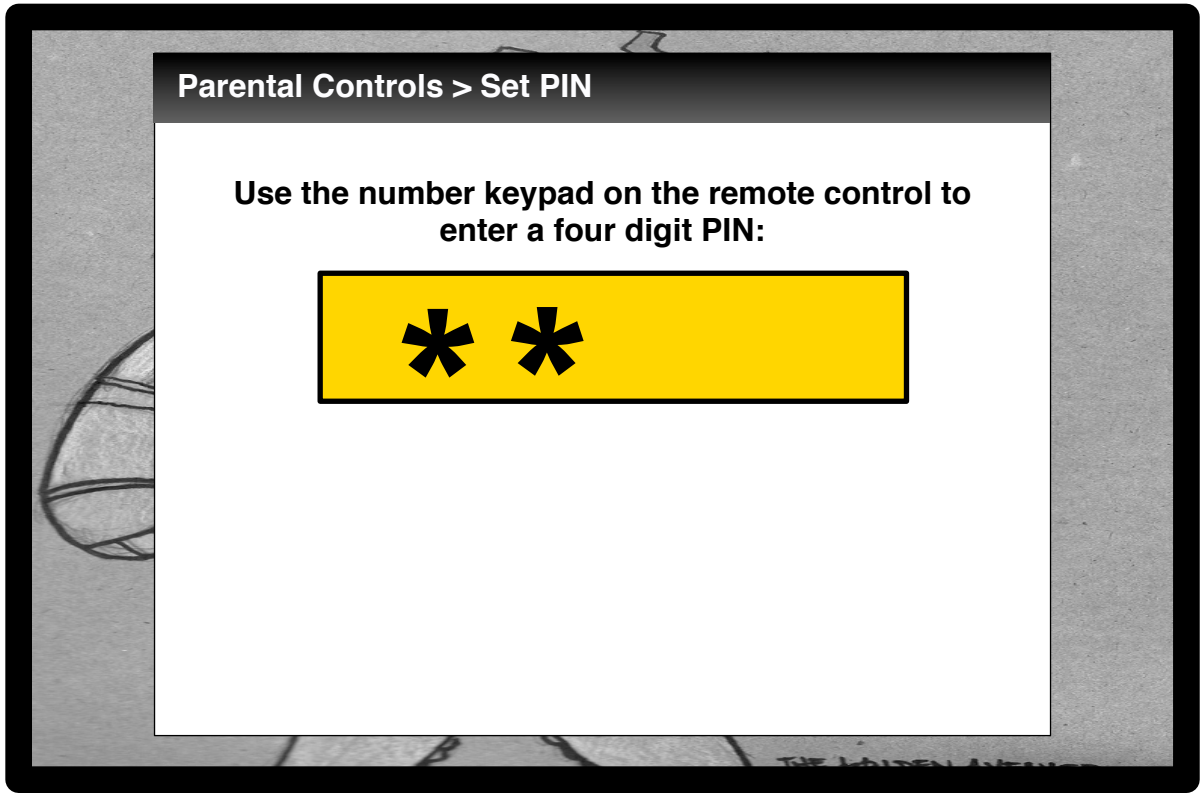
// Parental Controls | Set PIN



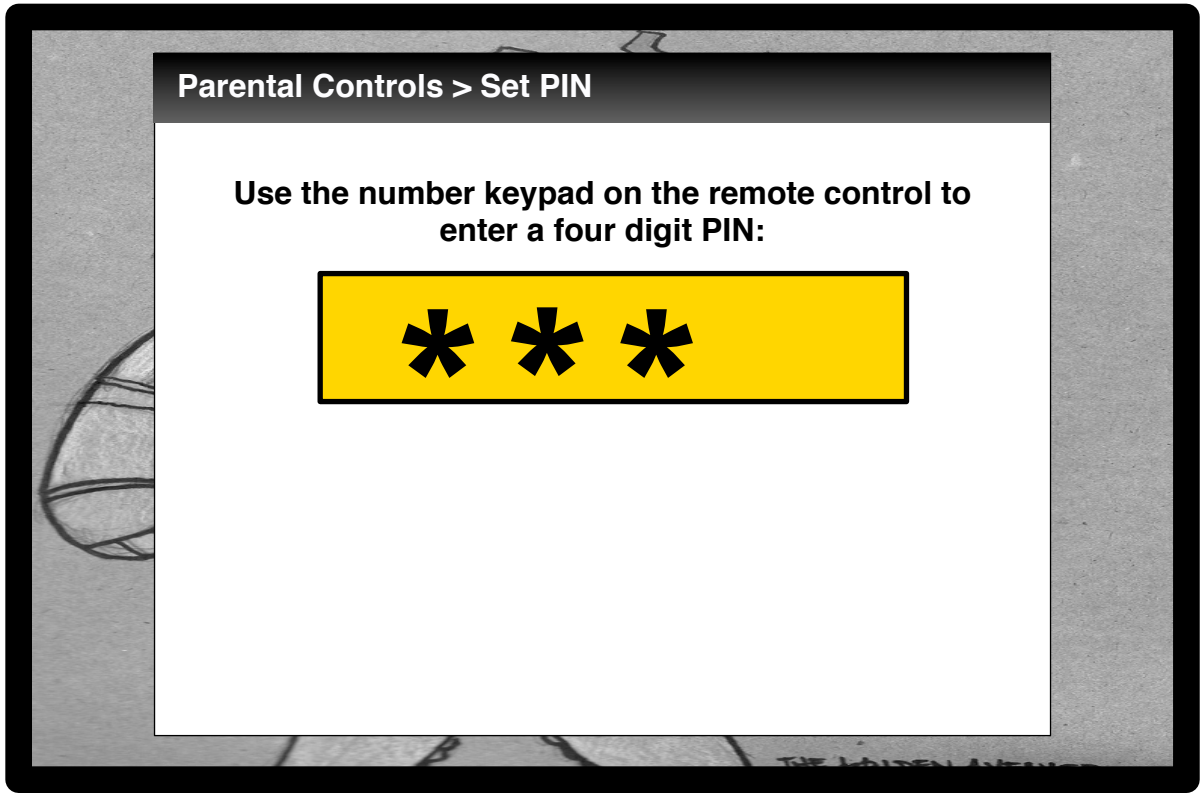
// Parental Controls | Set PIN 1



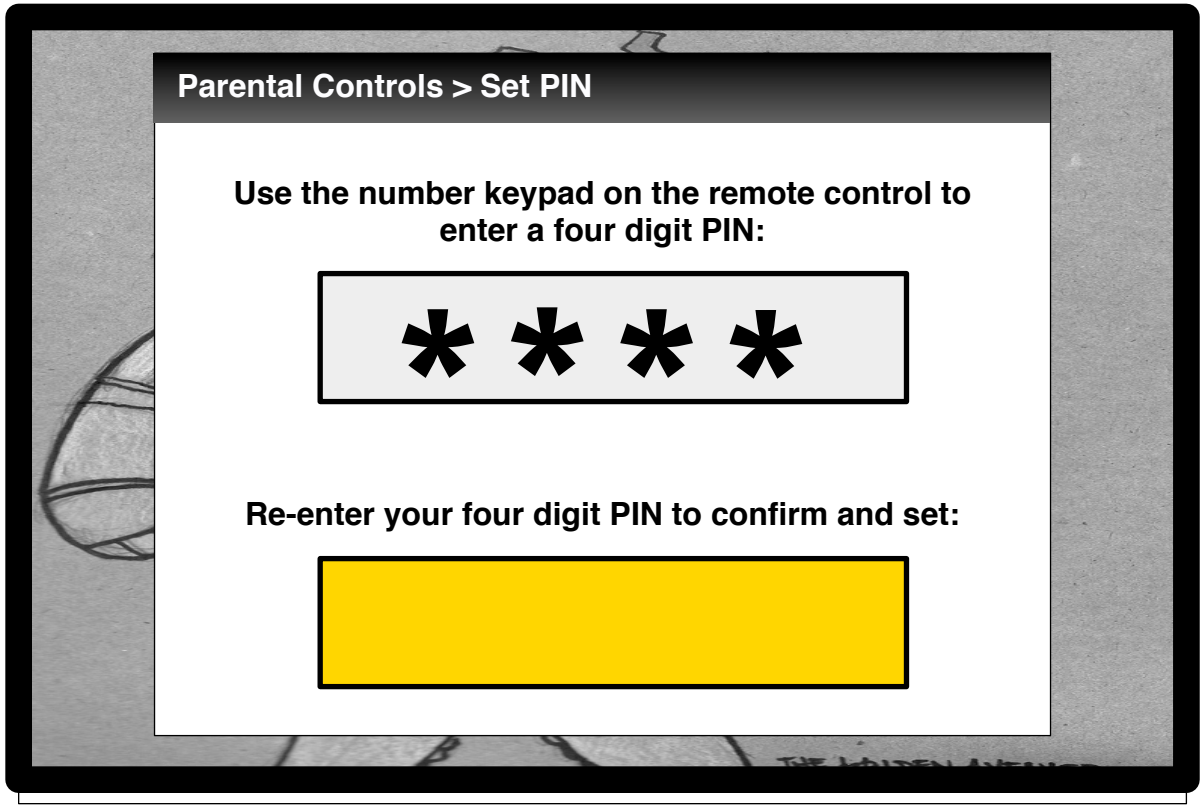
// Parental Controls | Set PIN 2



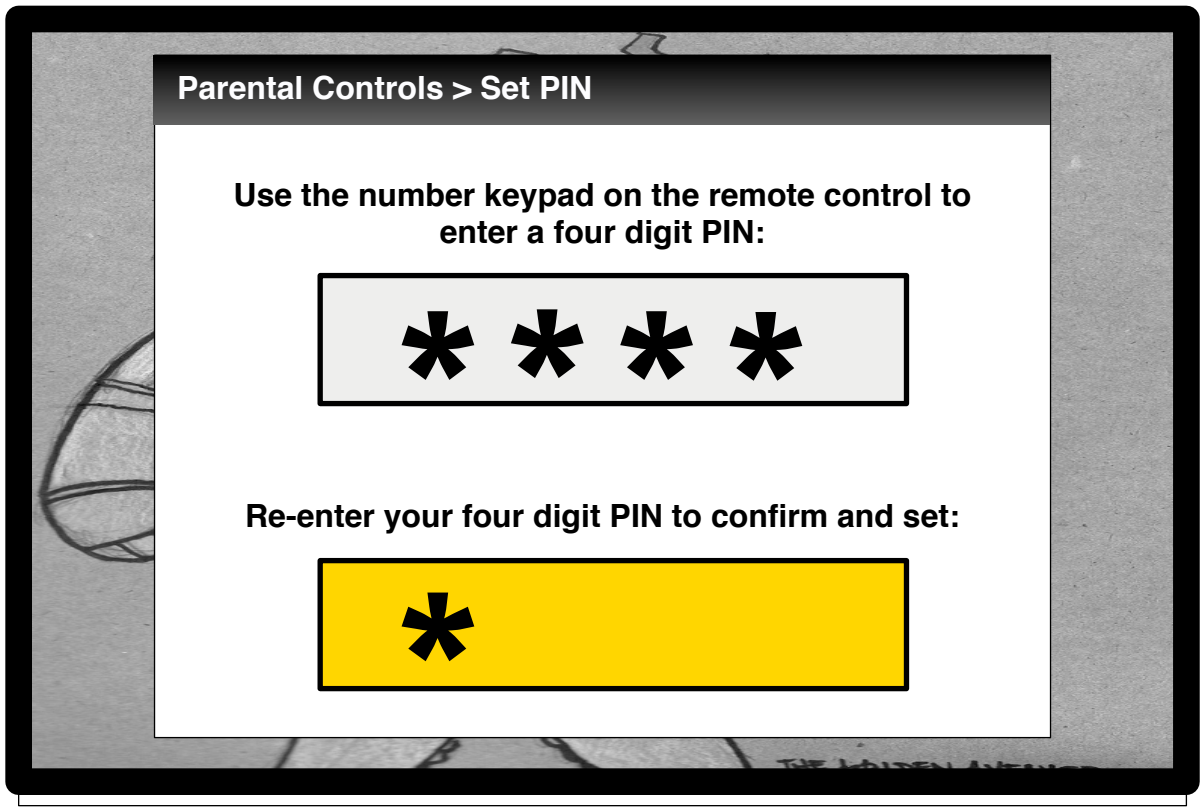
// Parental Controls | Set PIN 3



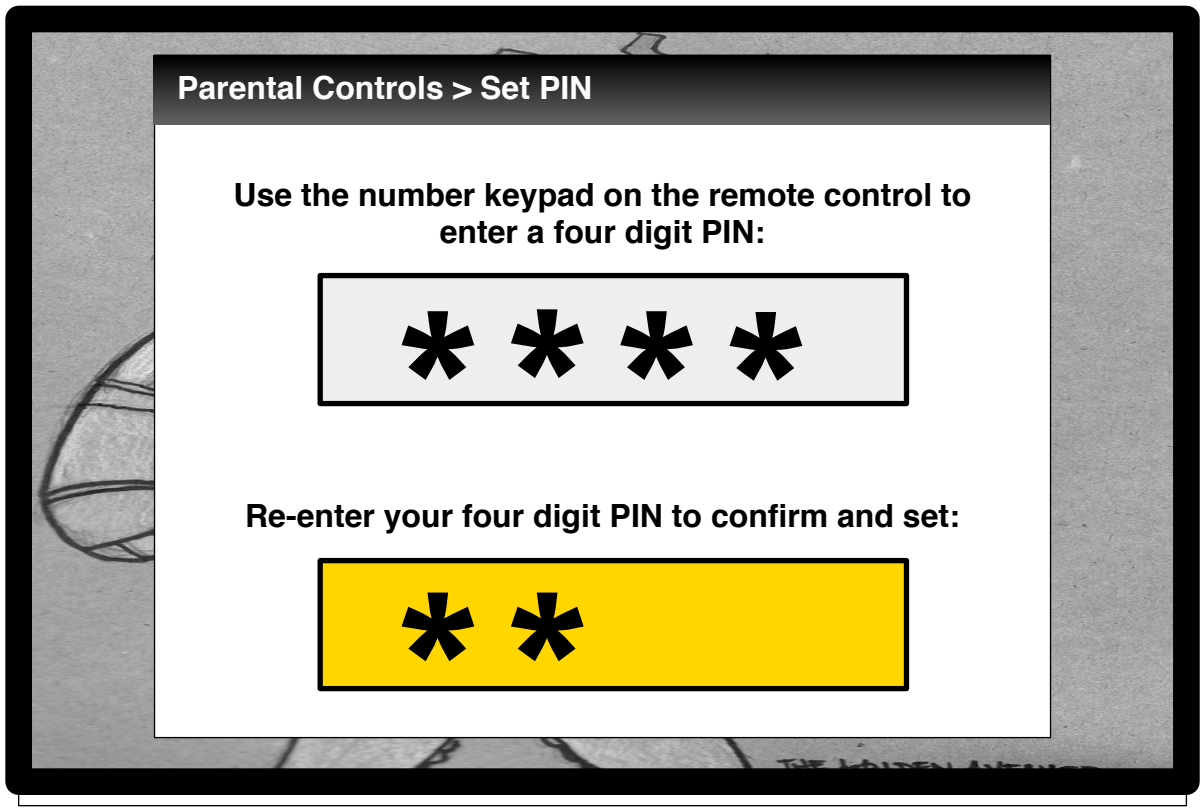
// Parental Controls | Set PIN Confirmation


Parental Controls > Set PIN
Use the number keypad on the remote control to enter a four digit PIN:
* * * *
Re-enter your four digit PIN to confirm and set:

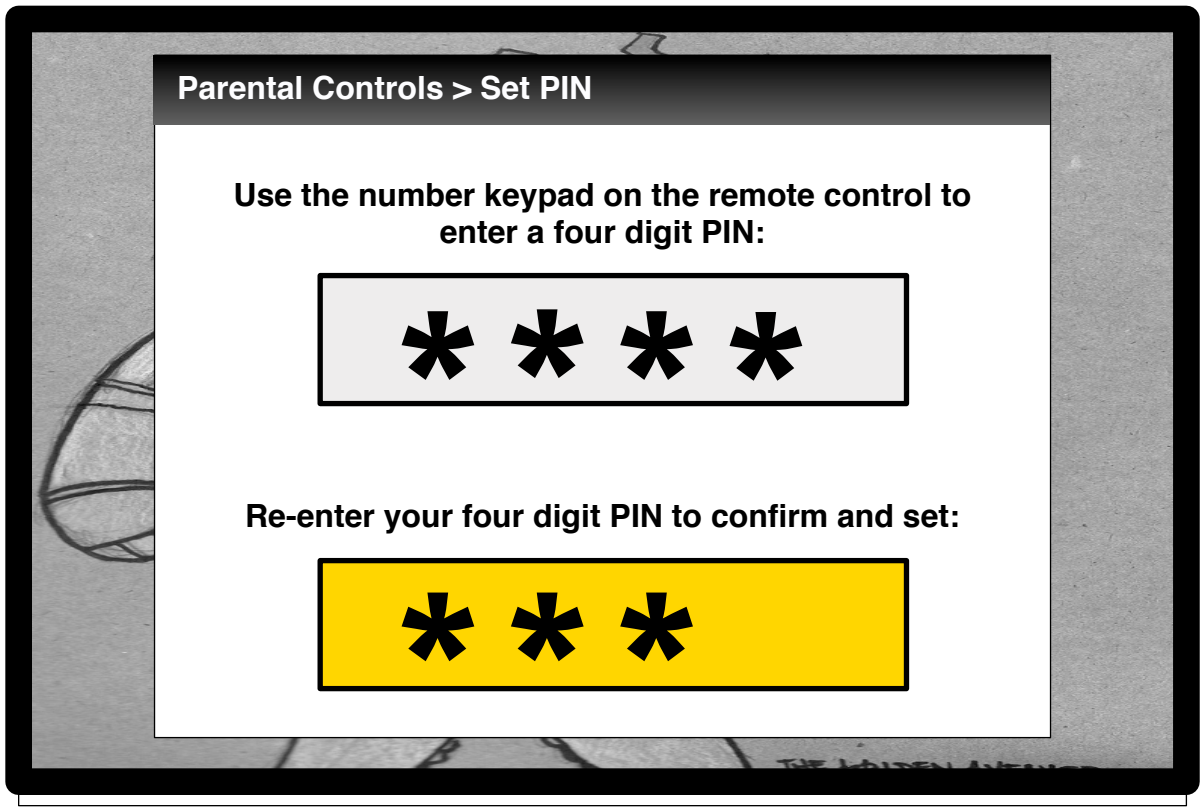
// Parental Controls | Set PIN Confirmation 1


Parental Controls > Set PIN
Use the number keypad on the remote control to enter a four digit PIN:
****
Re-enter your four digit PIN to confirm and set:
*

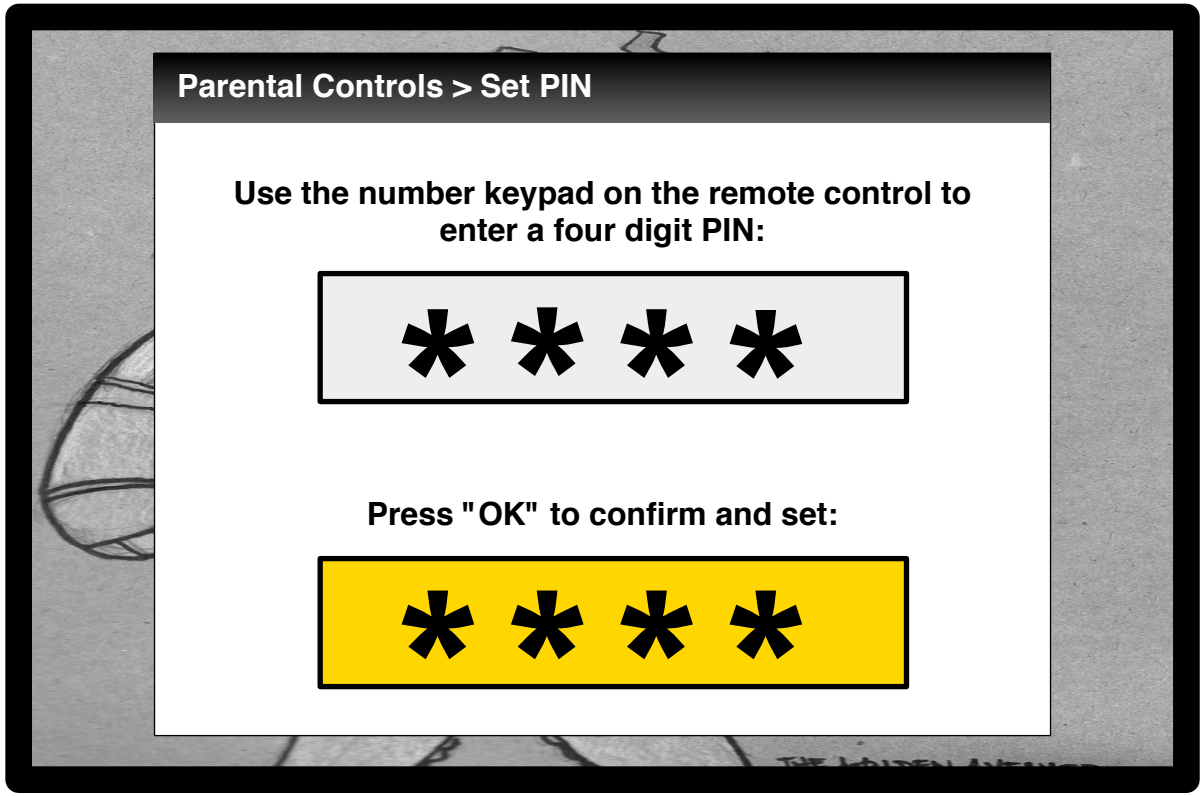
// Parental Controls | Set PIN Confirmation 2


Parental Controls > Set PIN
Use the number keypad on the remote control to enter a four digit PIN:
* * * *
Re-enter your four digit PIN to confirm and set:
* *

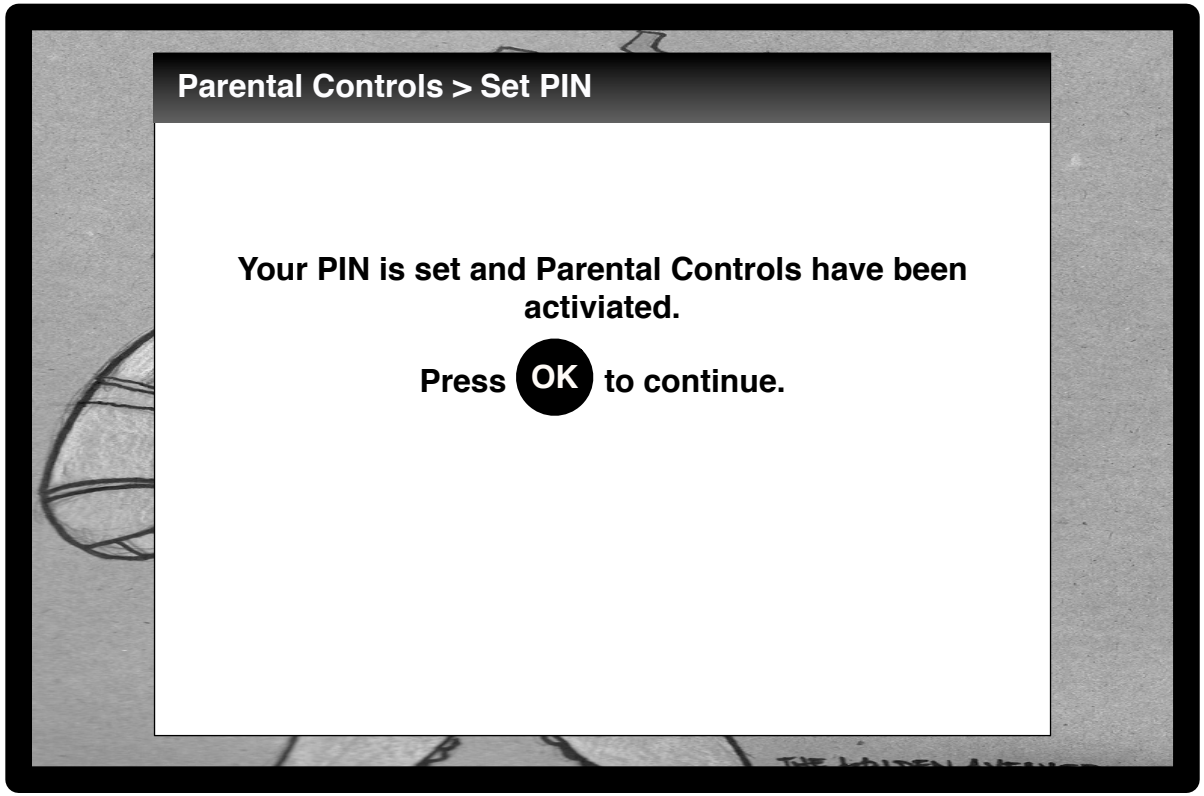
// Parental Controls | Set PIN Confirmation 3


Parental Controls > Set PIN
Use the number keypad on the remote control to enter a four digit PIN:
* * * *
Re-enter your four digit PIN to confirm and set:
* * *

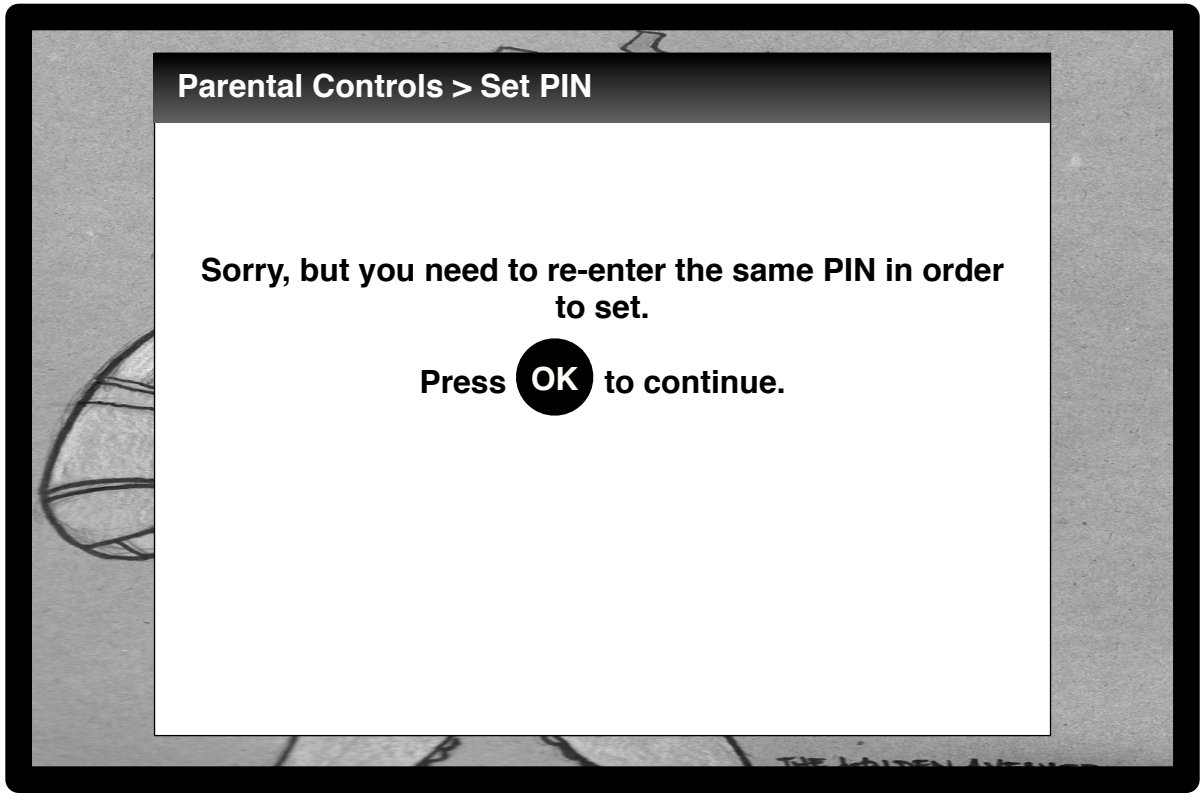
// Parental Controls | Set PIN Confirmation 4


Parental Controls > Set PIN
Use the number keypad on the remote control to enter a four digit PIN:
* * * *
Press "OK" to confirm and set:
* * * *

// Parental Controls | Set PIN Confirmation Message

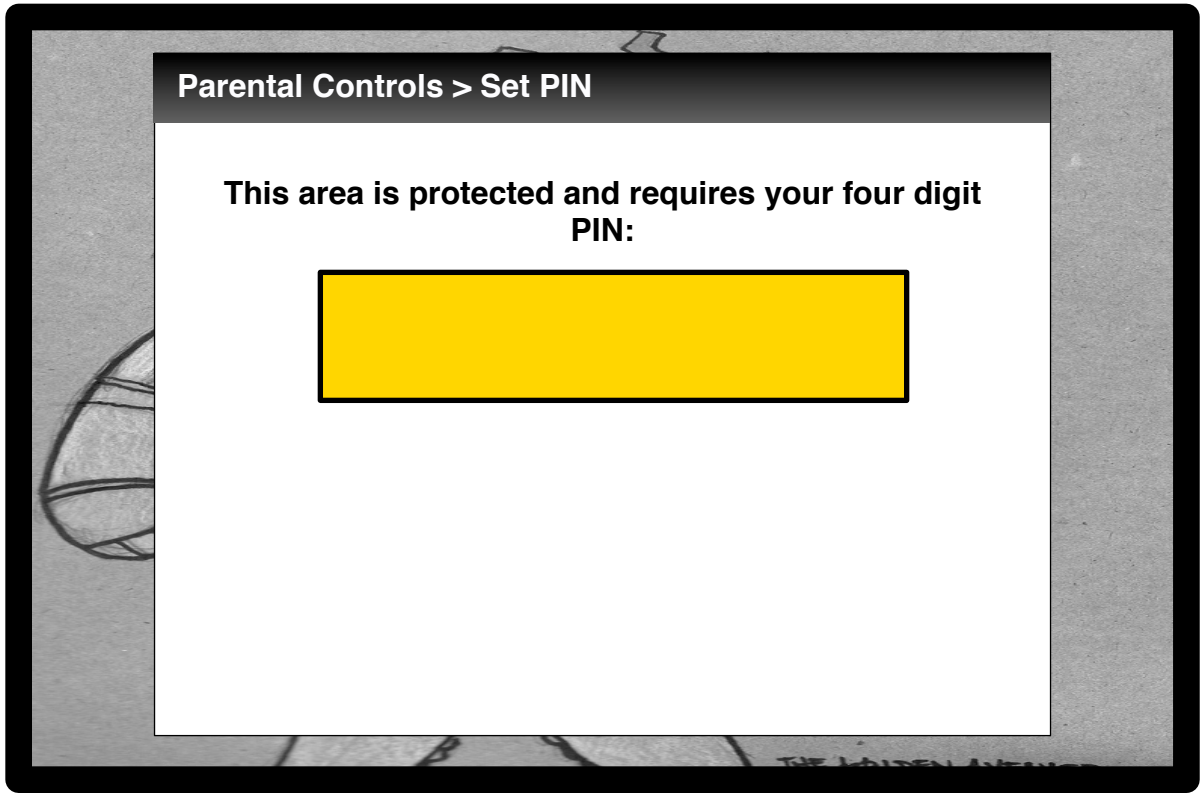


// Parental Controls | Set PIN Error Message



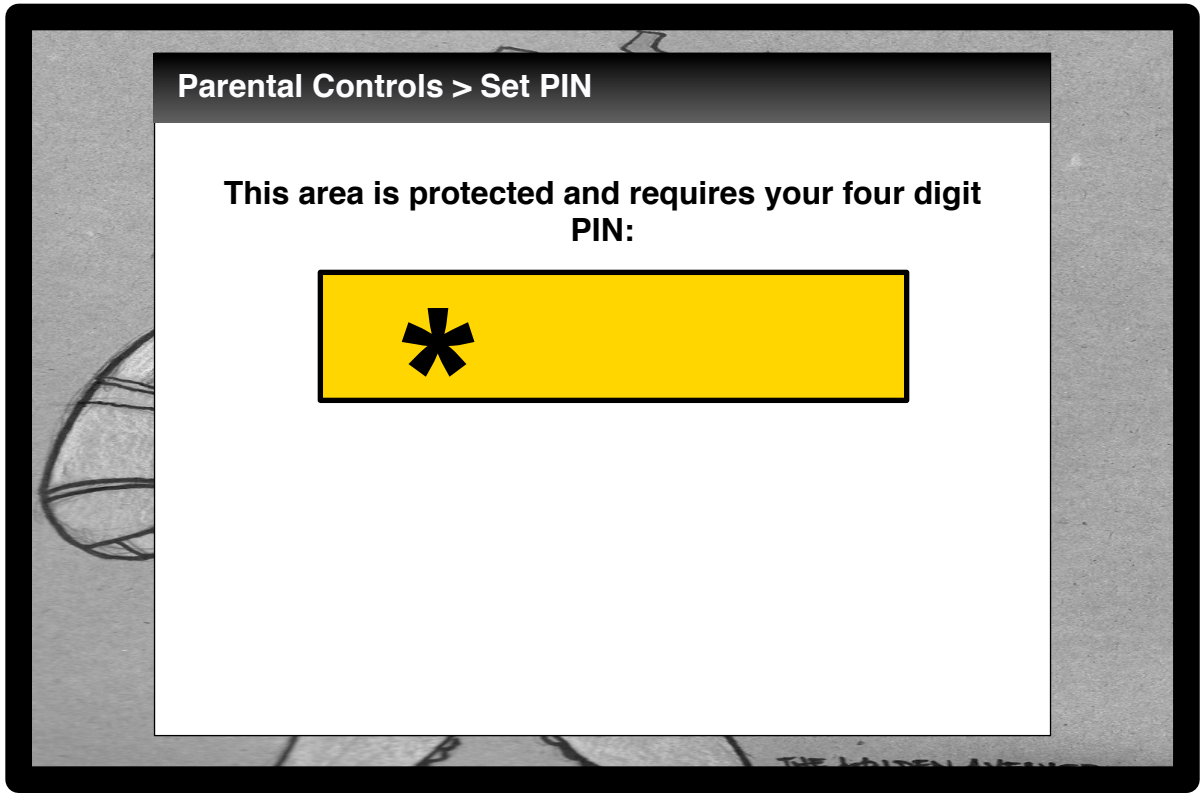
Enter PIN | Enter Parental Controls

// Enter PIN


Parental Controls > Set PIN
This area is protected and requires your four digit PIN:

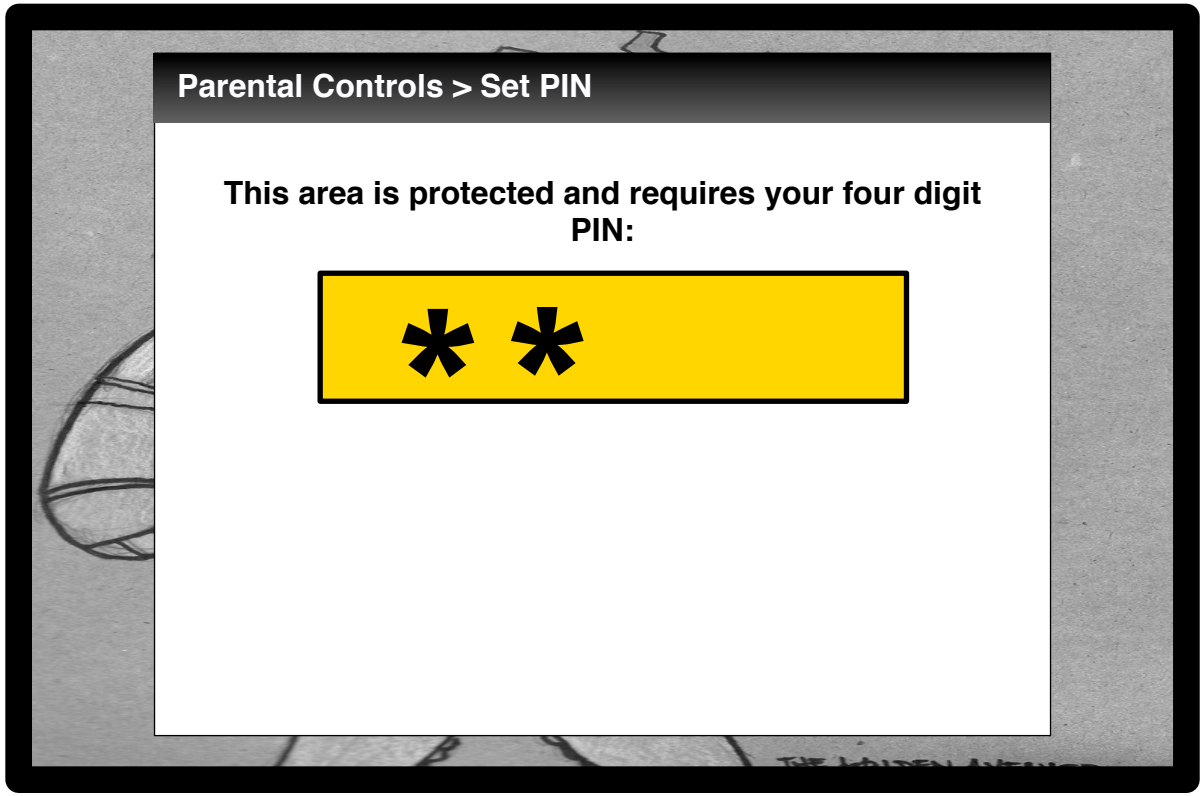
OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// Enter PIN 1


Parental Controls > Set PIN
This area is protected and requires your four digit PIN:
*

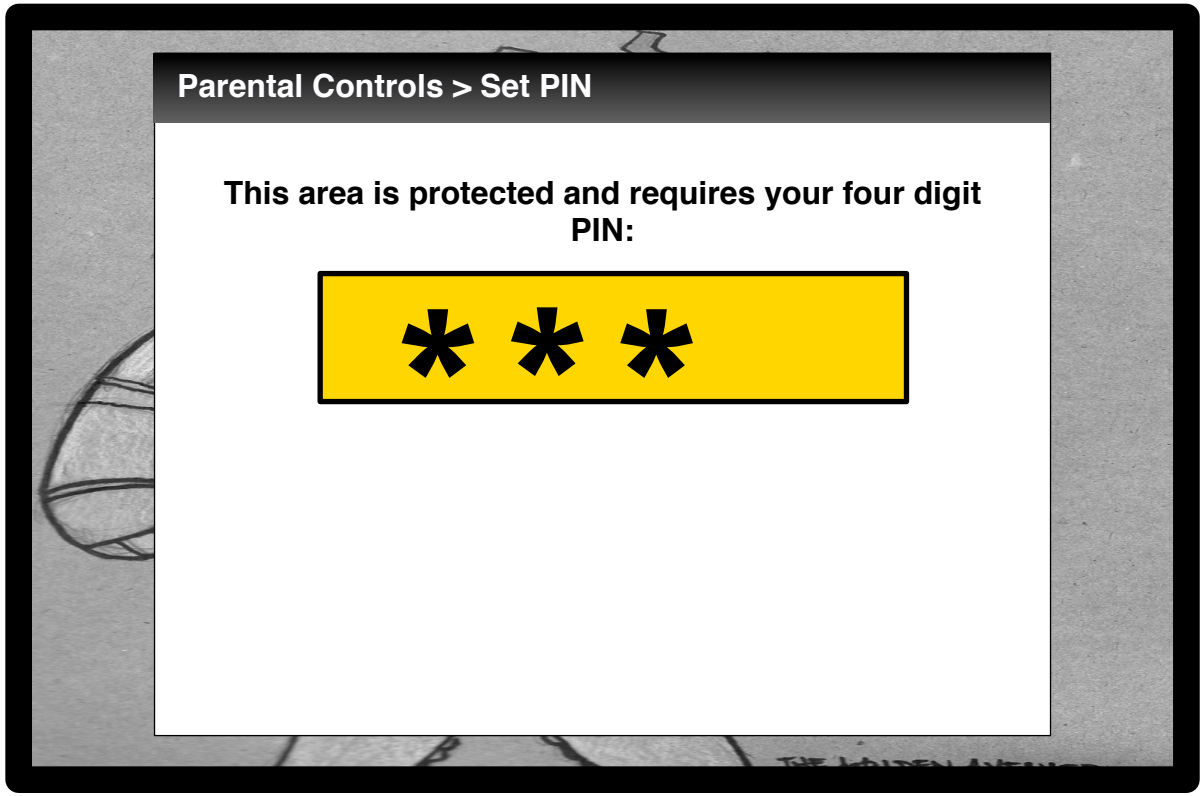
OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// Enter PIN 2


Parental Controls > Set PIN
This area is protected and requires your four digit PIN:
* *

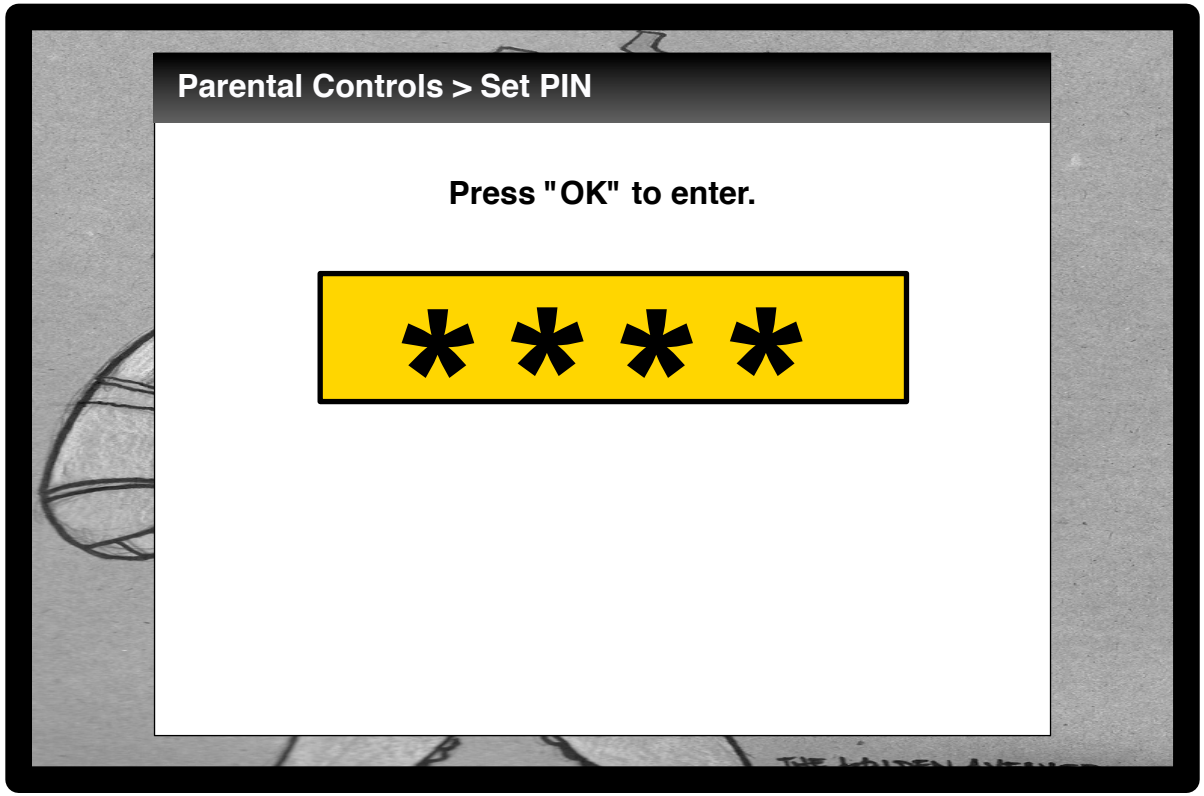
OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// Enter PIN 3


Parental Controls > Set PIN
This area is protected and requires your four digit PIN:
* * *

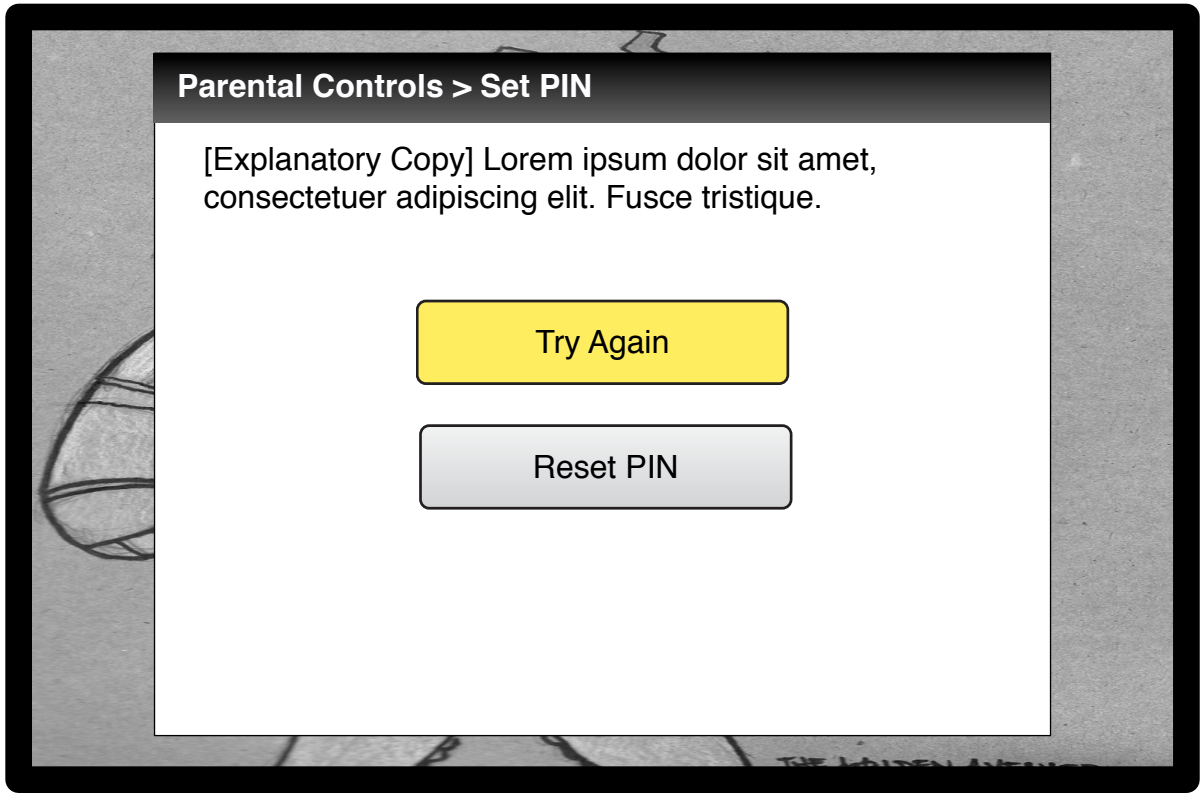
OK
1
2
3
4
5
6
7
8
9
0
BRANDING

// Enter PIN 4

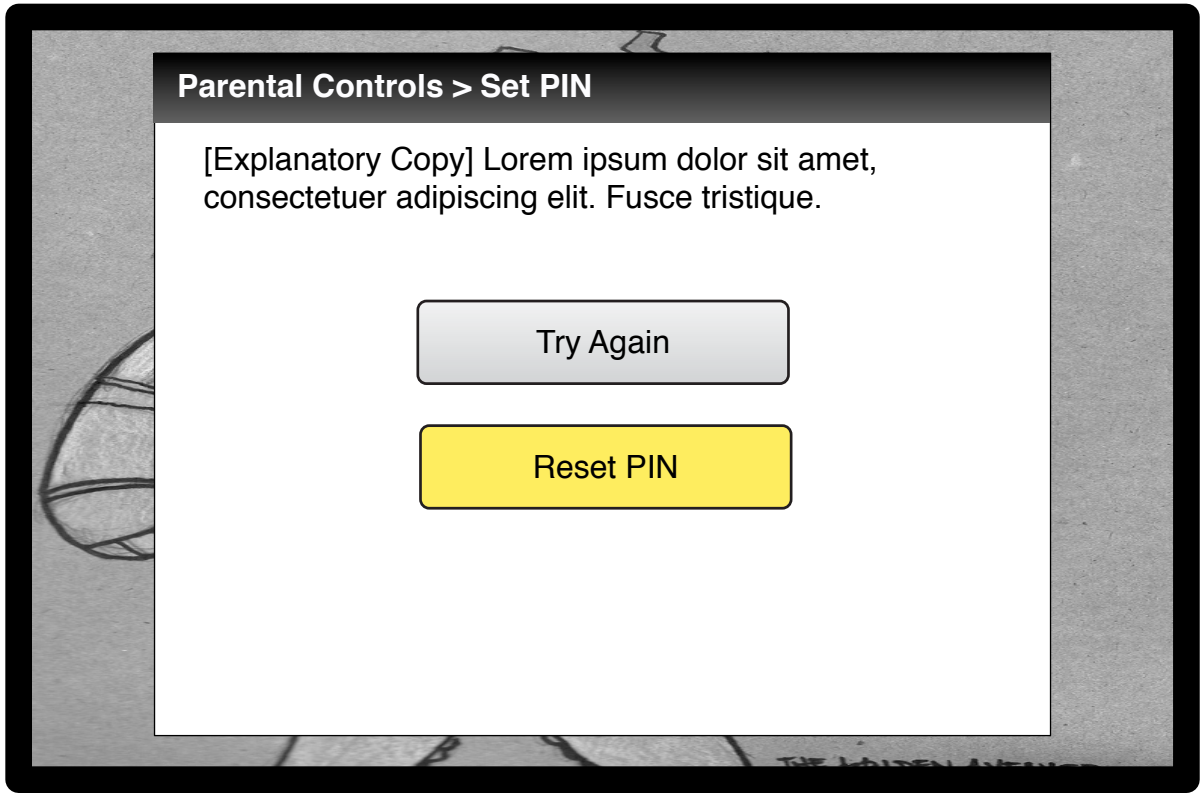

Parental Controls > Set PIN
Press "OK" to enter.
* * * *

OK
1
2
3
4
5
6
7
8
9
0
BRANDING

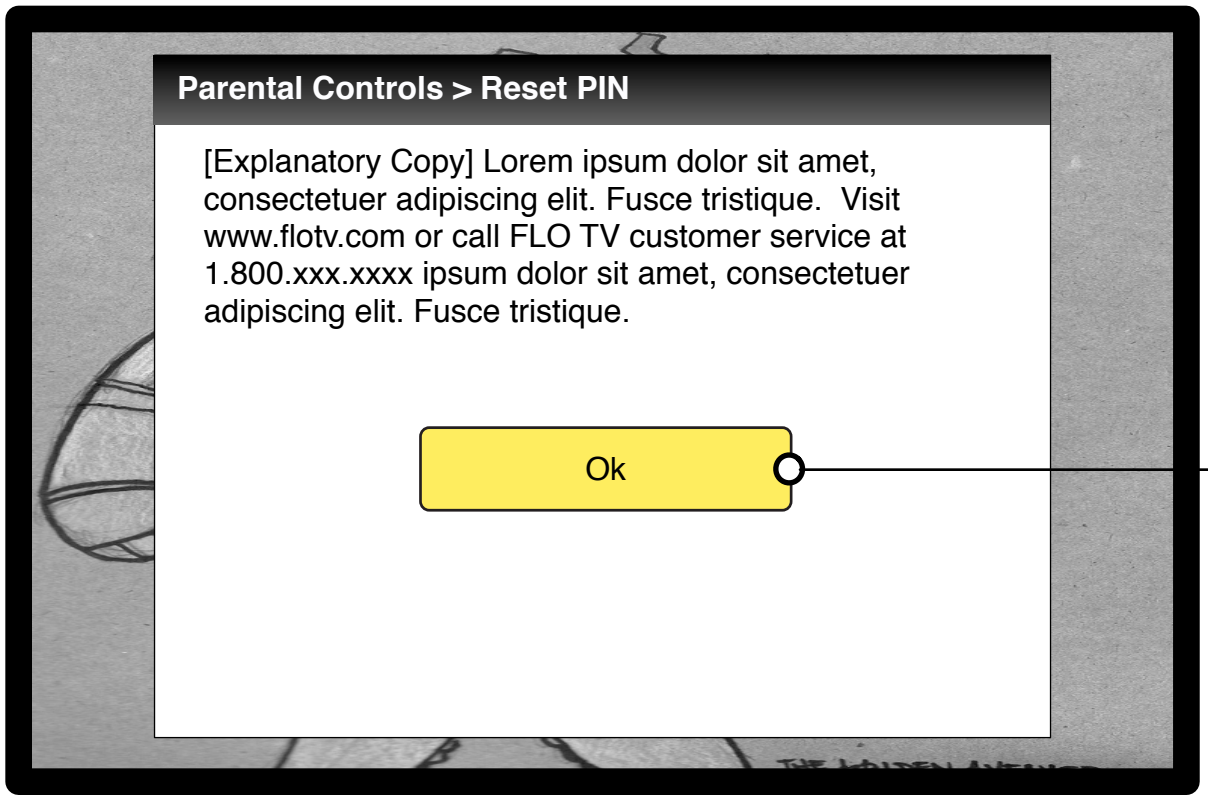
// PIN Failure | Try Again


Parental Controls > Set PIN
[Explanatory Copy] Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique.
Try Again
Reset PIN

// PIN Failure | Reset PIN


Parental Controls > Set PIN
[Explanatory Copy] Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique.
Try Again
Reset PIN

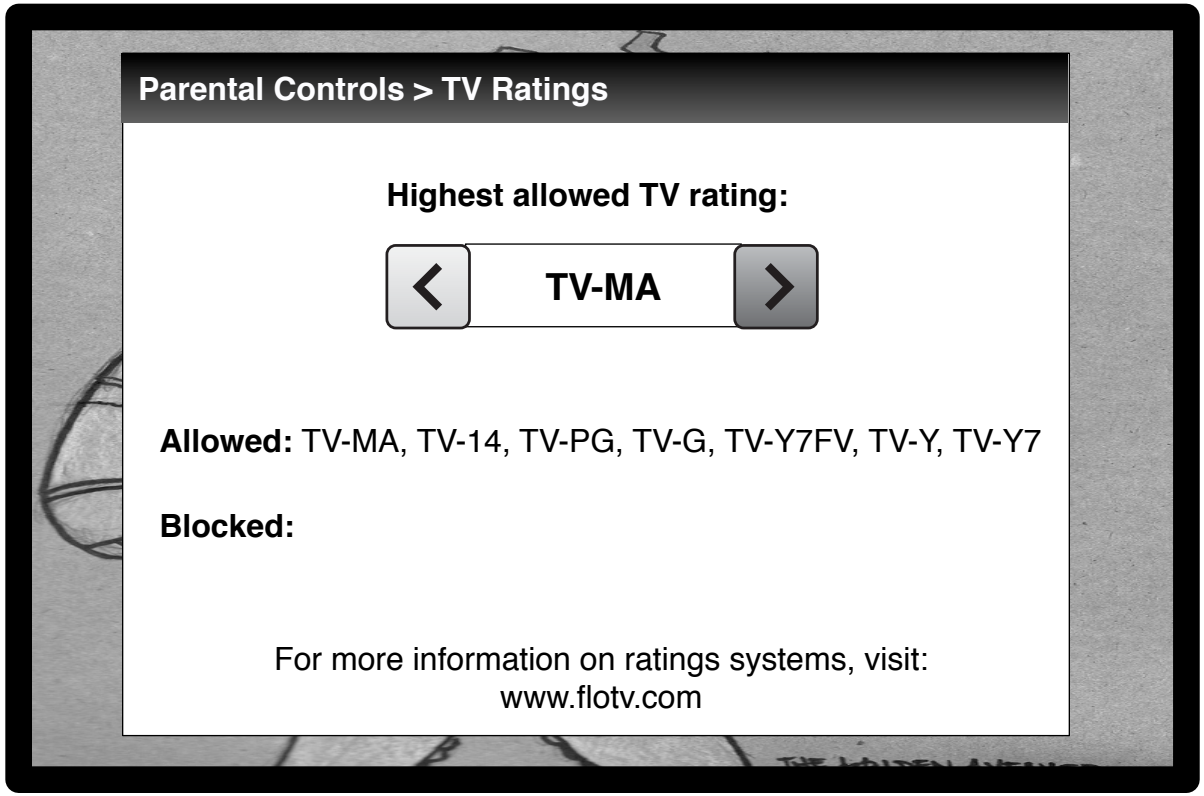
// PIN Failure | Reset PIN Directions


Parental Controls > Reset PIN
[Explanatory Copy] Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique. Visit www.flotv.com or call FLO TV customer service at 1.800.xxx.xxxx ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique.
Ok

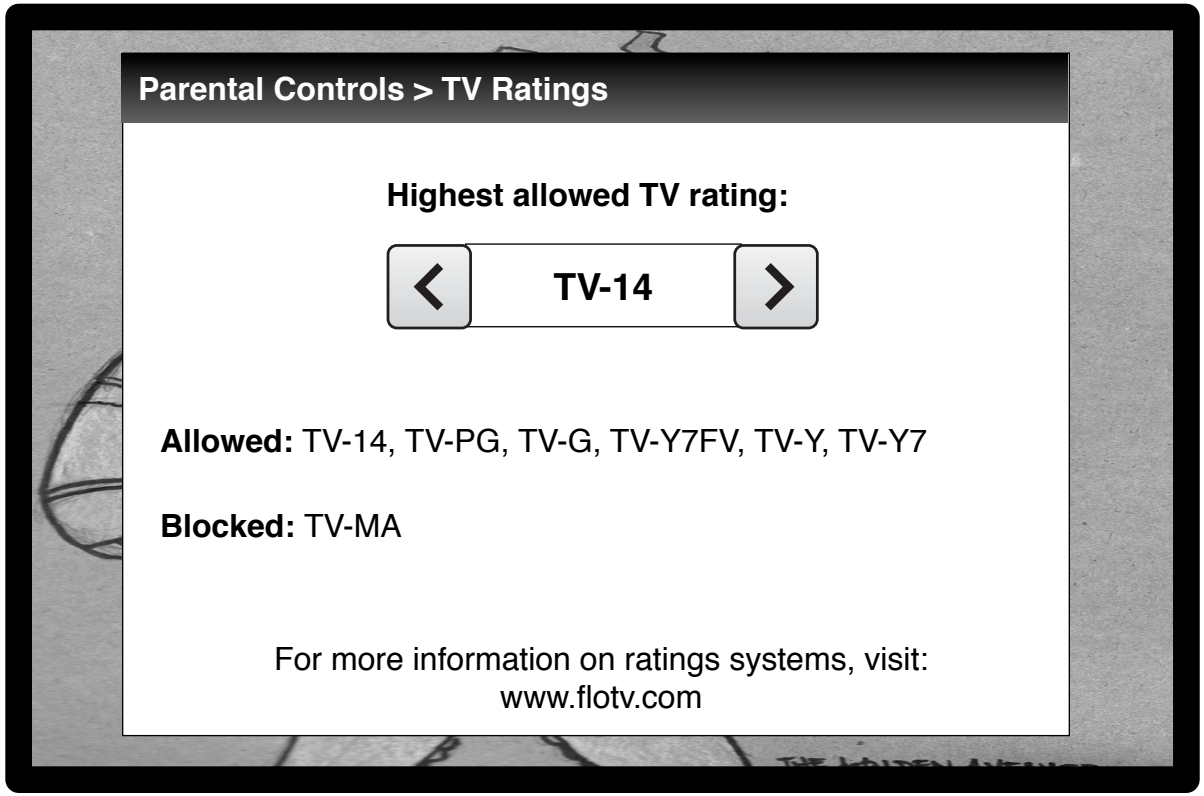
Returns user to the screen of origin prompting PIN entry.

TV Ratings

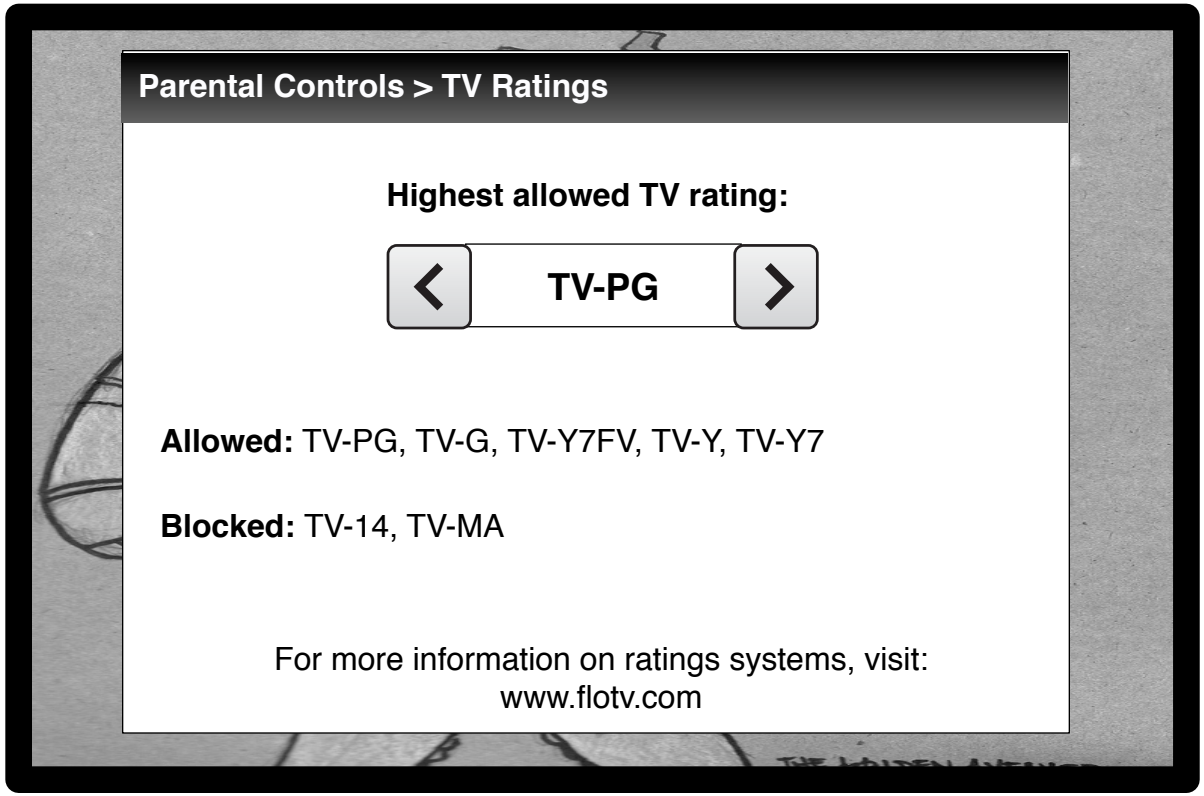
// TV Ratings Settings | TV-MA



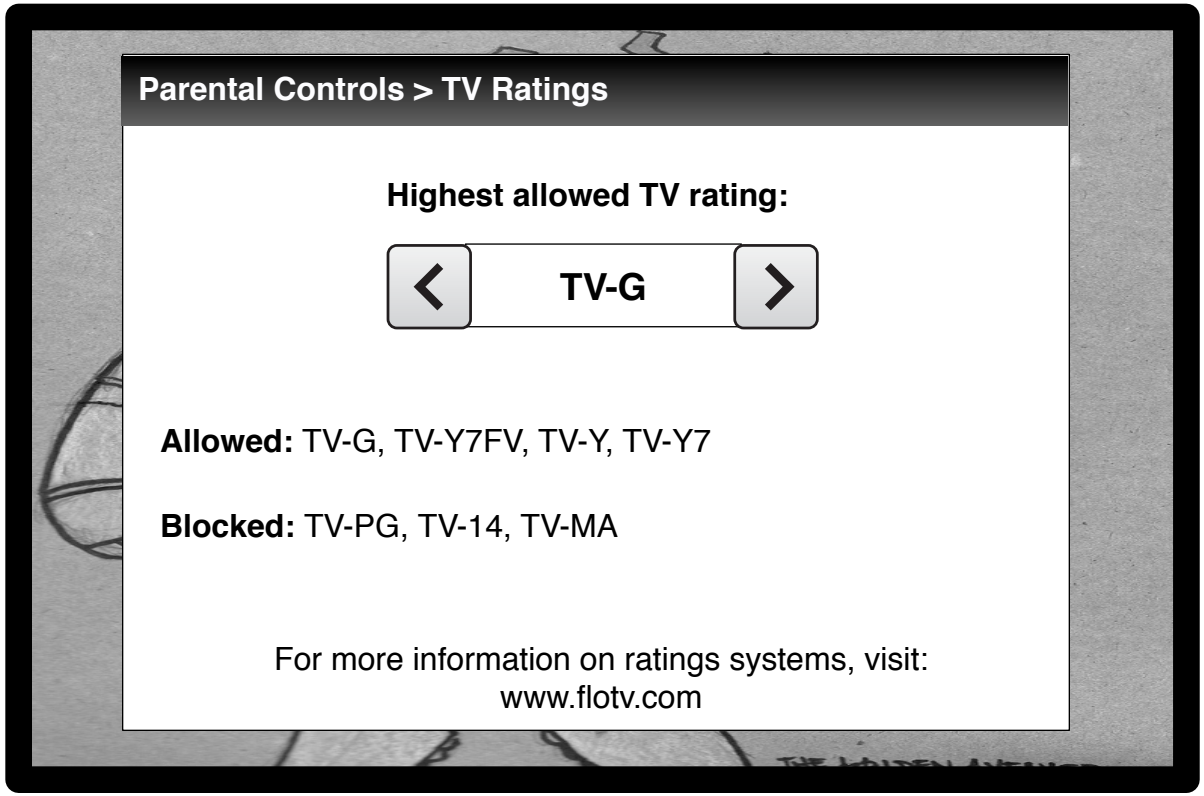
// TV Ratings Settings | TV-14



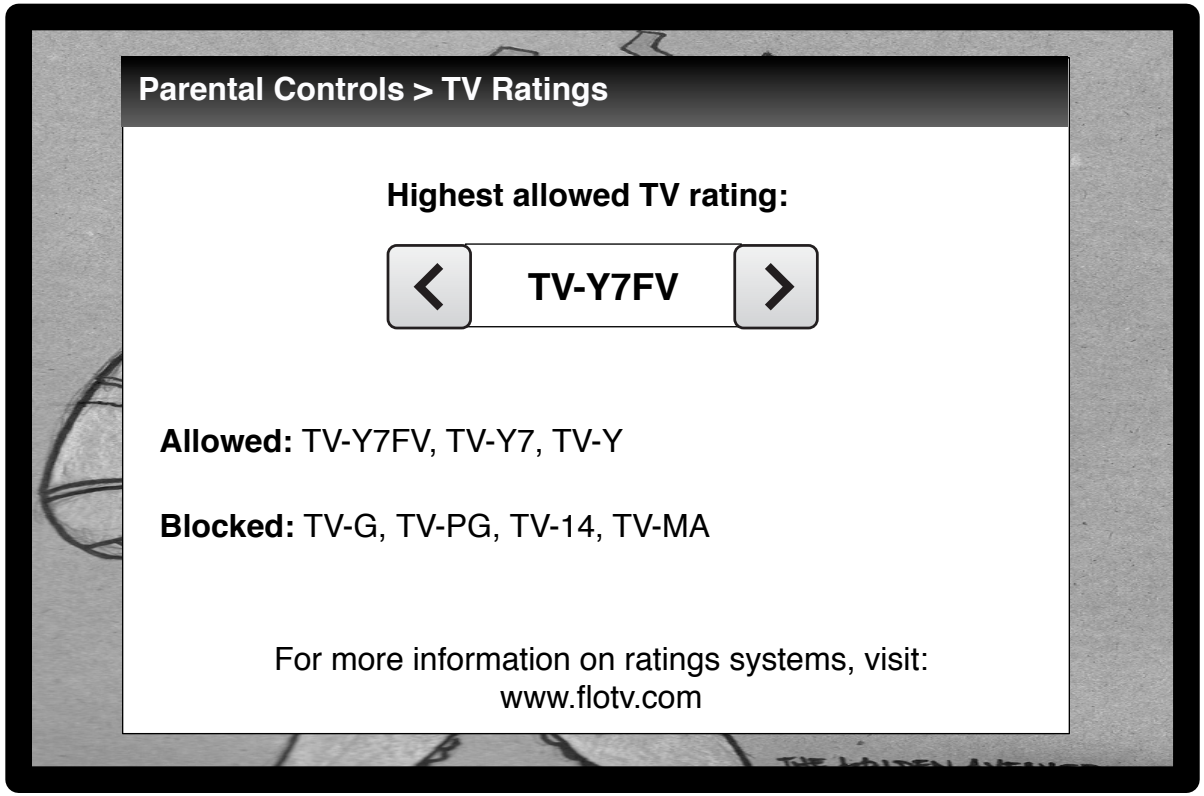
// TV Ratings Settings | TV-PG



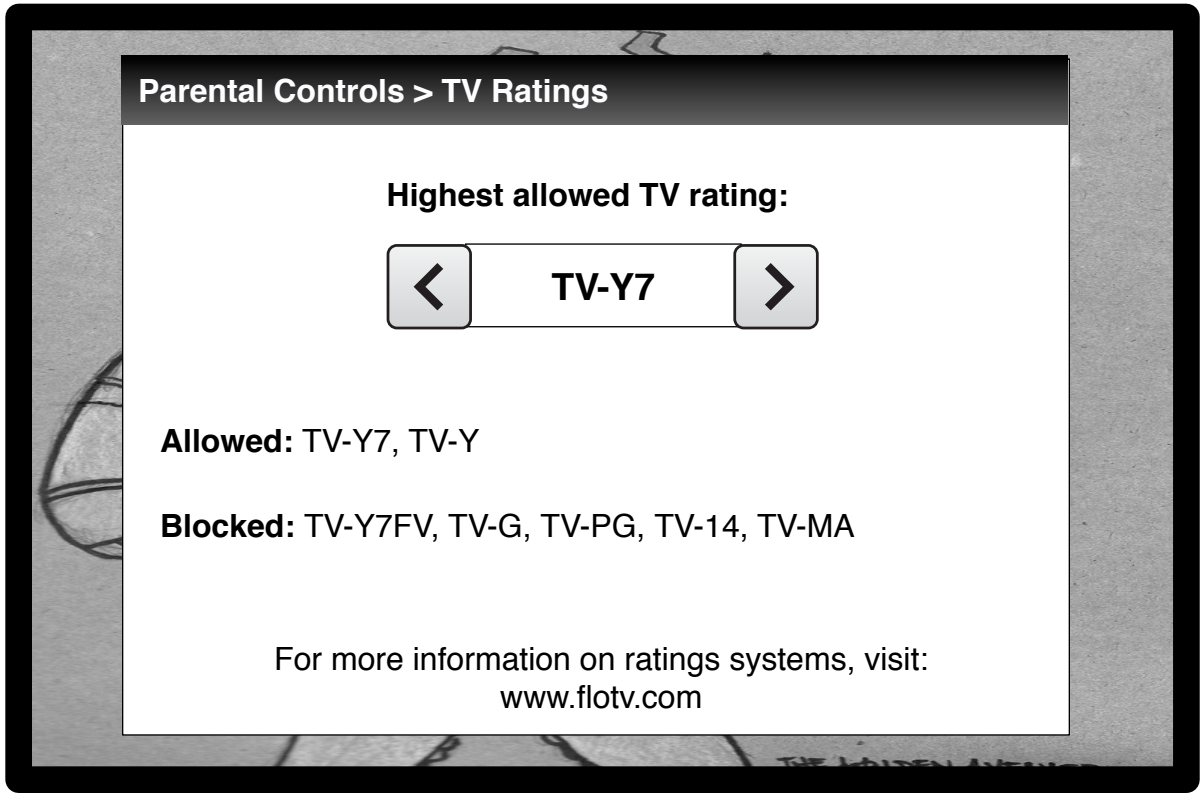
// TV Ratings Settings | TV-G



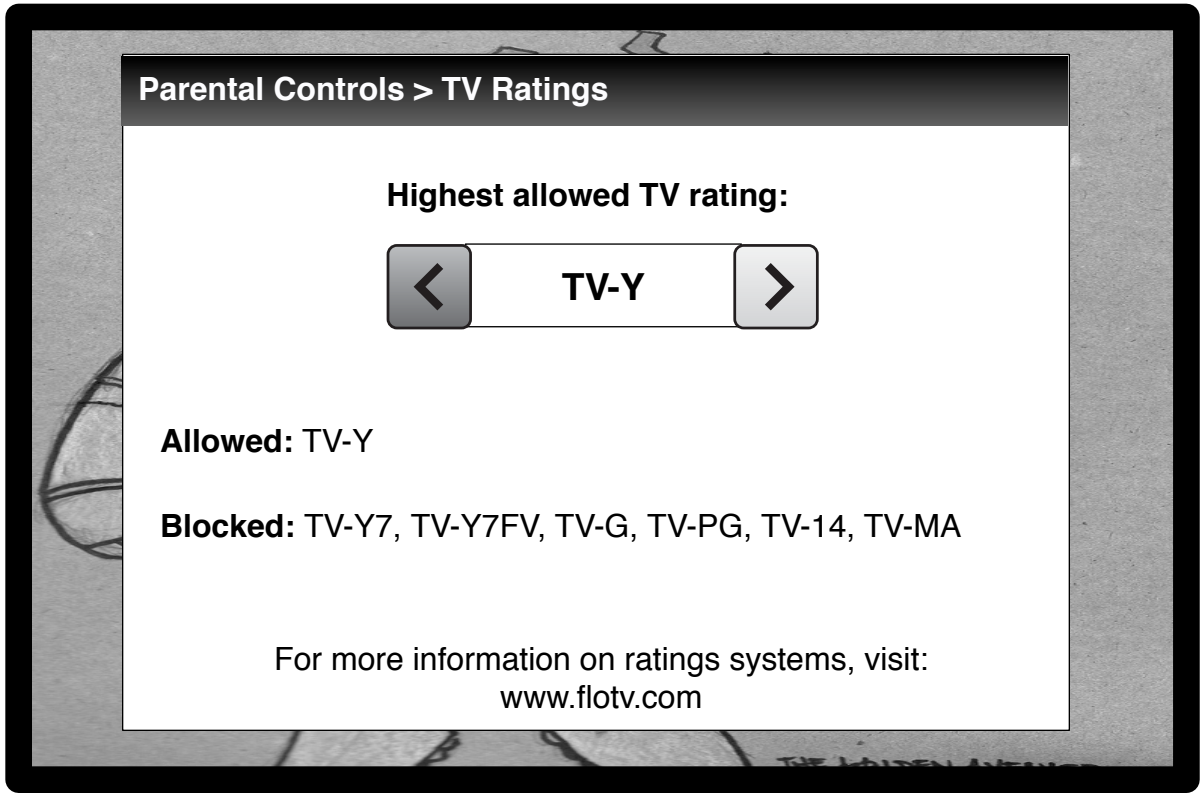
// TV Ratings Settings | TV-Y7FV



// TV Ratings Settings | TV-Y7

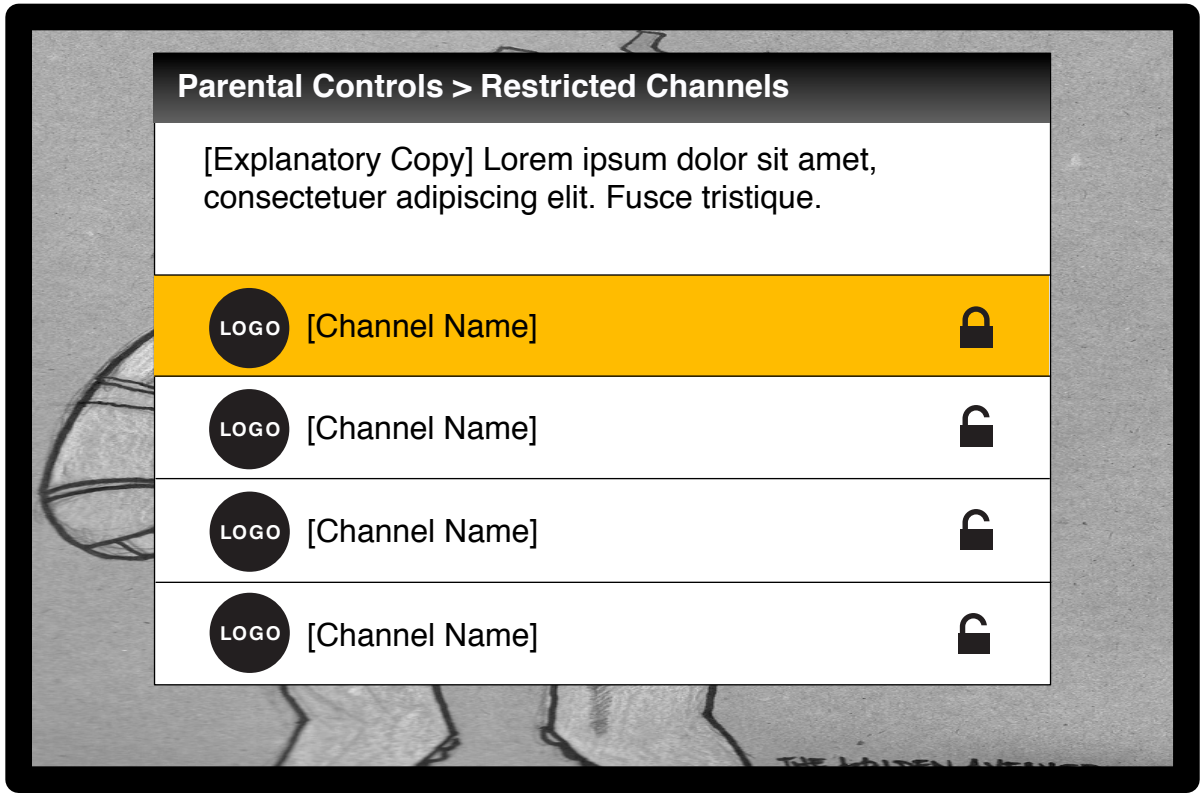


// TV Ratings Settings | TV-Y

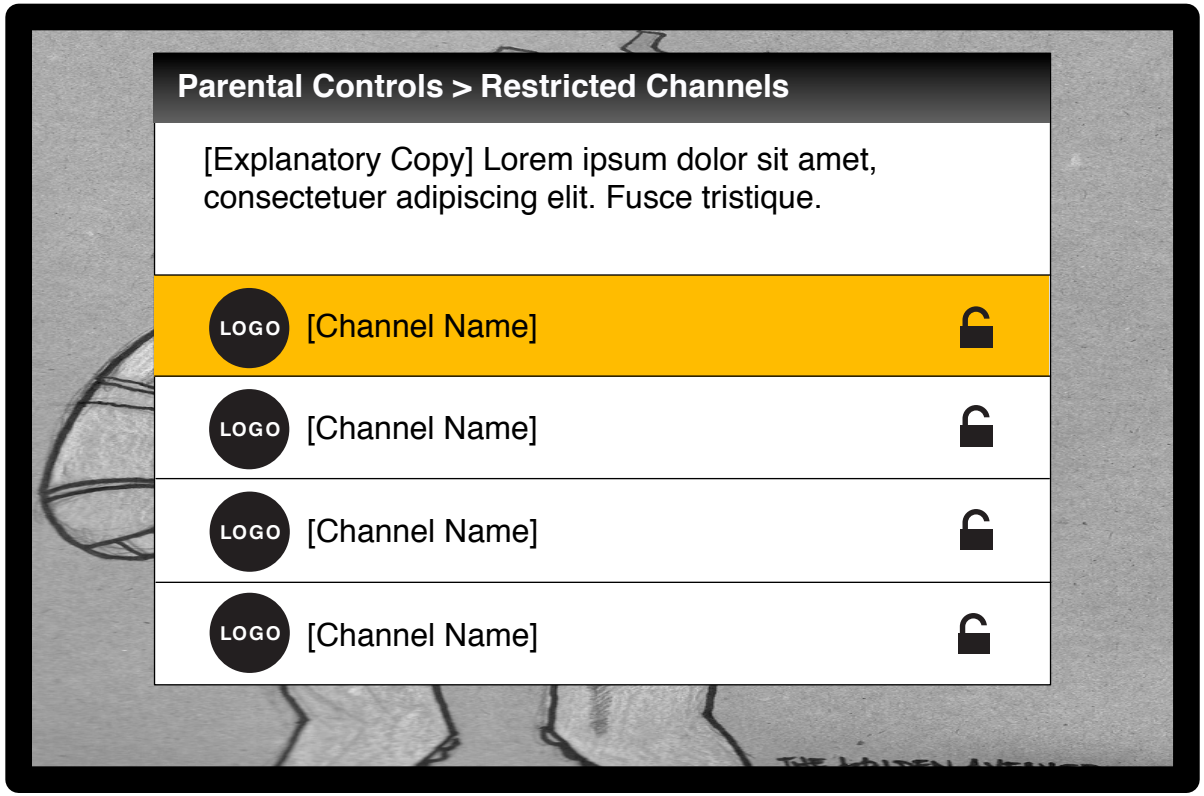


Blocked Channels

// Restricted Channels | Channel Locked

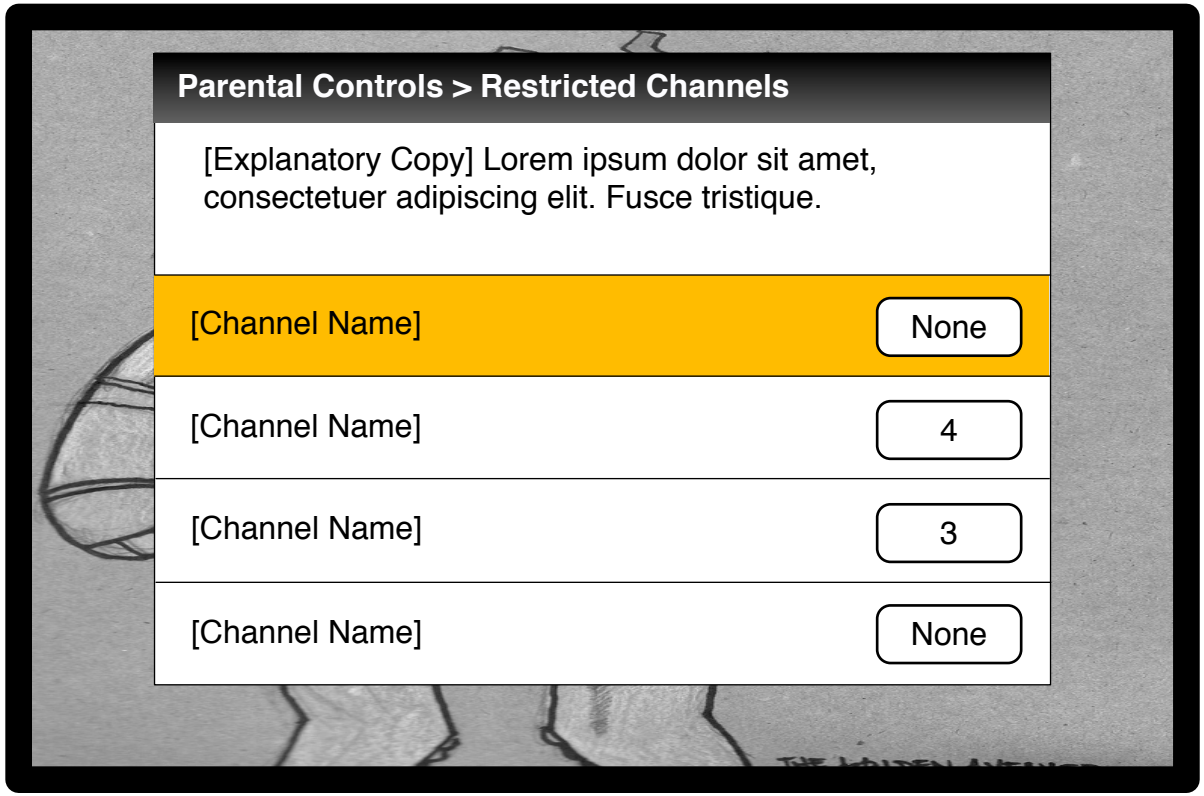


// Restricted Channels | Channel Unlocked

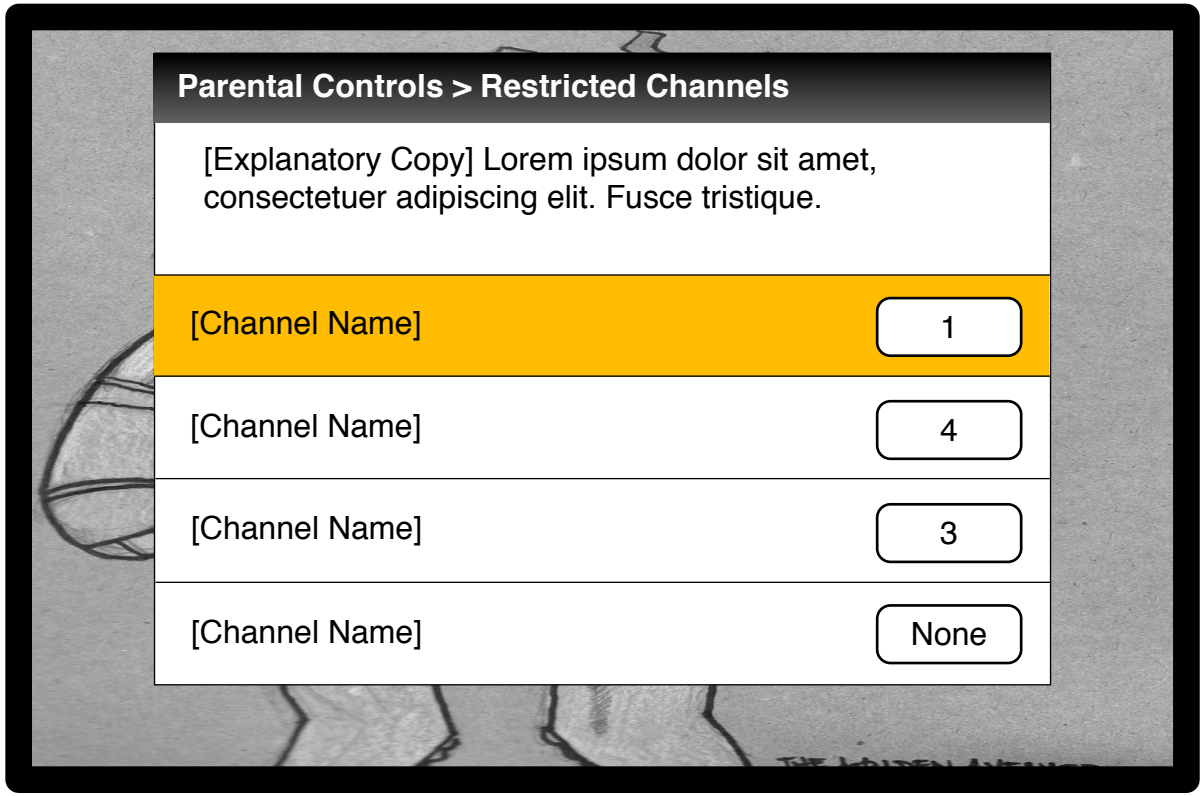


Favorite Channels

// Favorite Channels | View

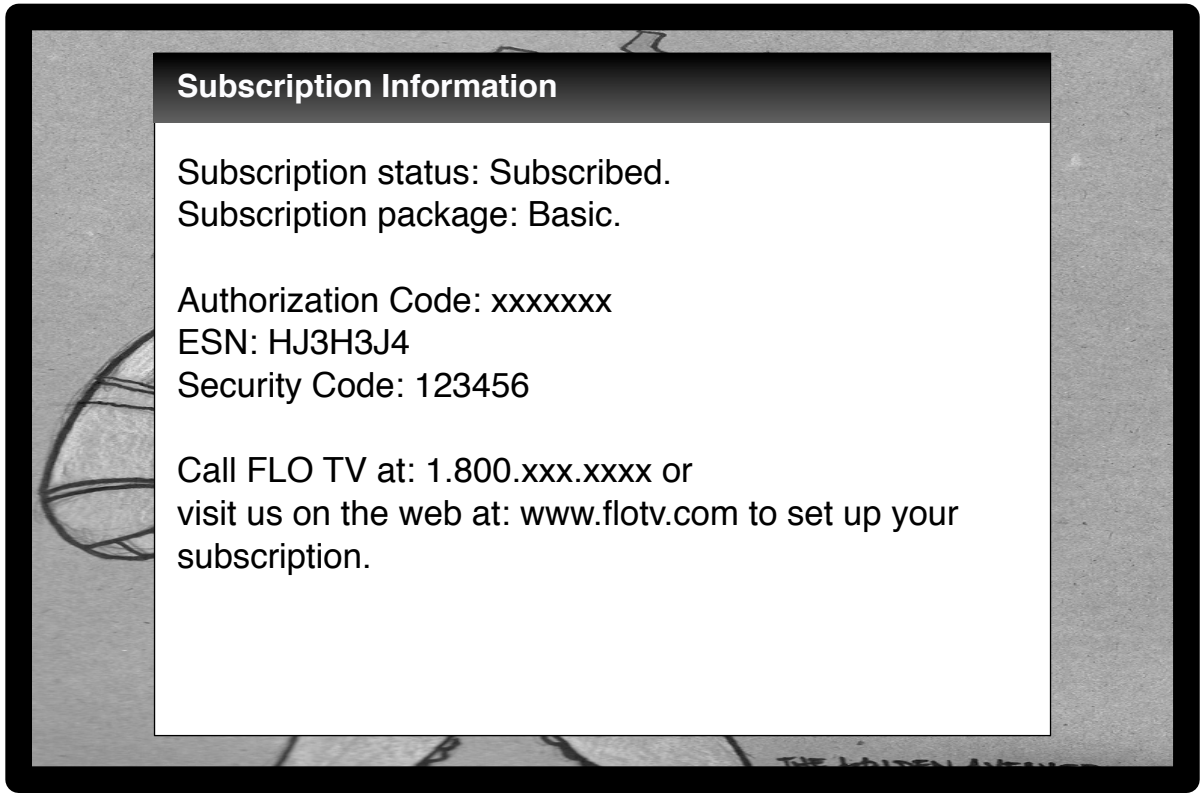


// Favorite Channels | Set

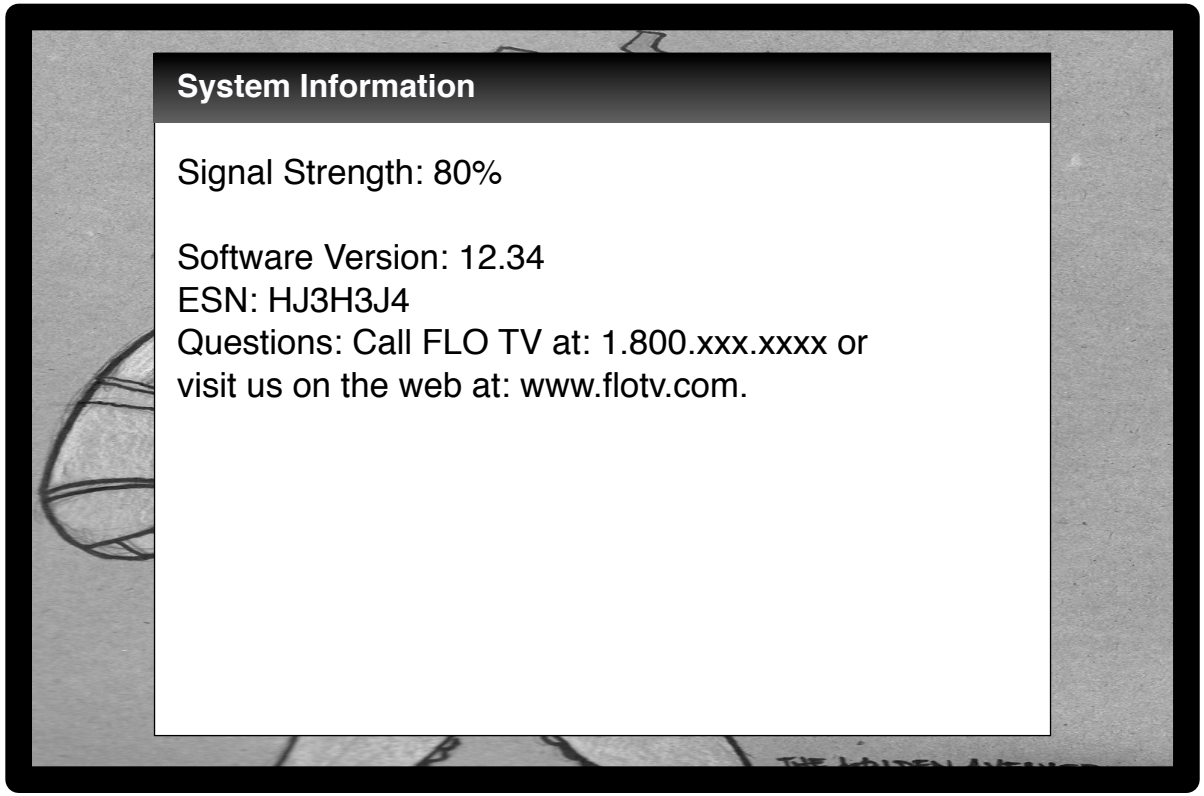


System & Subscription Information

// Subscription Information

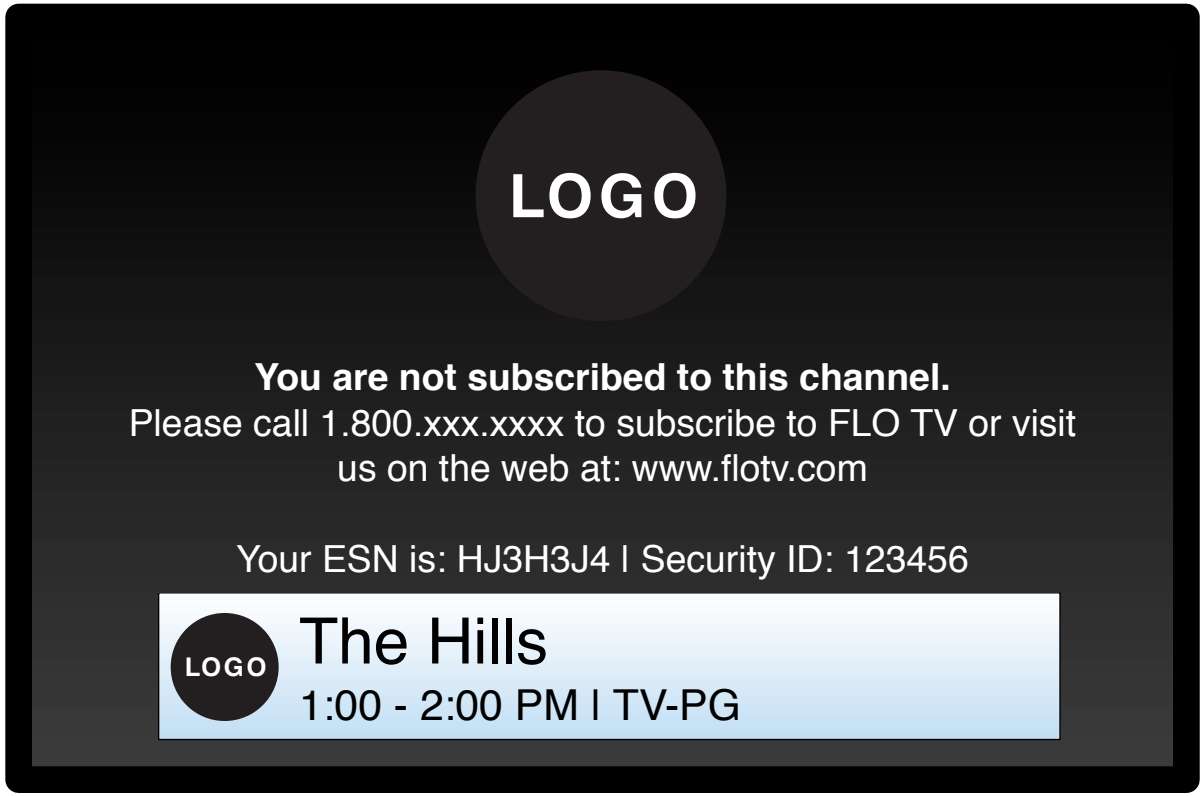

Subscription Information
Subscription status: Subscribed.
Subscription package: Basic.
Authorization Code: xxxxxxx
ESN: HJ3H3J4
Security Code: 123456
Call FLO TV at: 1.800.xxx.xxxx or
visit us on the web at: www.flotv.com to set up your subscription.

// System Information


System Information
Signal Strength: 80%
Software Version: 12.34
ESN: HJ3H3J4
Questions: Call FLO TV at: 1.800.xxx.xxxx or
visit us on the web at: www.flotv.com.

Unsubscribed

// TV | Unsubscribed | Channel Info


LOGO
You are not subscribed to this channel.
Please call 1.800.xxx.xxxx to subscribe to FLO TV or visit us on the web at: www.flotv.com
Your ESN is: HJ3H3J4 I Security ID: 123456
LOGO
The Hills
1:00 - 2:00 PM I TV-PG

Overlay Times Out

Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | Show Description

LOGO
LOGO
The Hills
1:00 - 2:00 PM I TV-PG
Episode Title
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique. Cras ipsum urna, semper vitae, aliquet eget, rutrum sed, pede. Morbi at sapien. Etiam cursus tincidunt est.

Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed

LOGO

You are not subscribed to this channel.
Please call 1.800.xxx.xxxx to subscribe to FLO TV or visit us on the web at: www.flotv.com

Your ESN is: HJ3H3J4 I Security ID: 123456

Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | Favorite Hint

LOGO

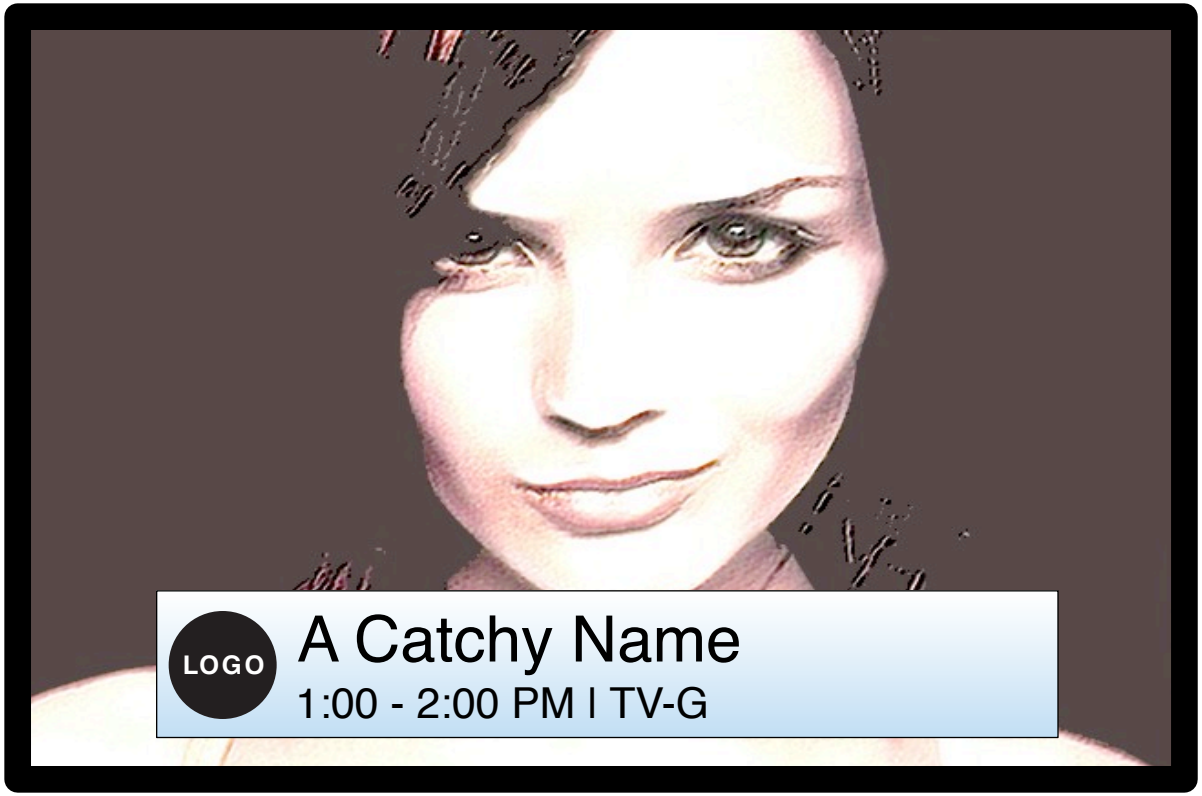
You are not subscribed to this channel.
Please call 1.800.xxx.xxxx to subscribe to FLO TV or visit us on the web at: www.flotv.com

Your ESN is: HJ3H3J4 I Security ID: 123456

Set your favorite channels in the Settings menu.

Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | FLO TV Channel Info



Overlay Times Out

Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | FLO TV Show Description

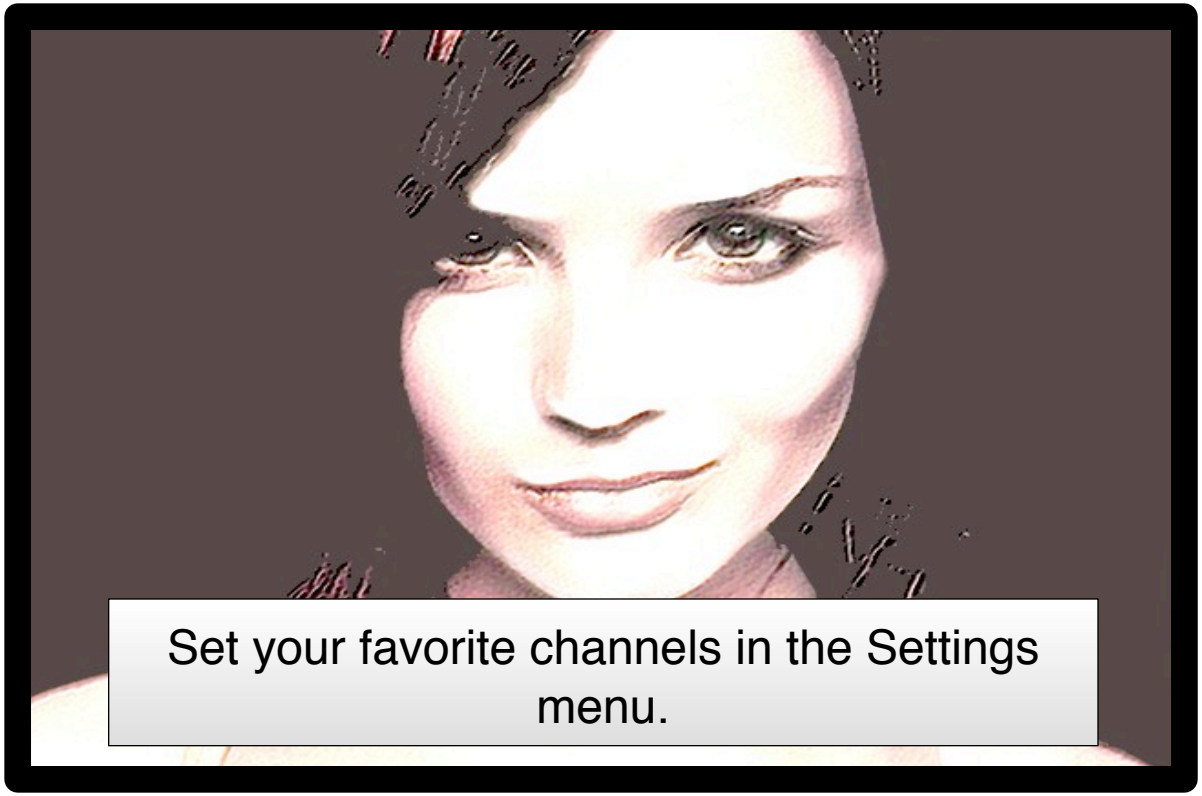
LOGO
A Catchy Name
1:00 - 2:00 PM I TV-G
Episode Title
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique. Cras ipsum urna, semper vitae, aliquet eget, rutrum sed, pede. Morbi at sapien. Etiam cursus tincidunt est.

Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | FLO TV Channel

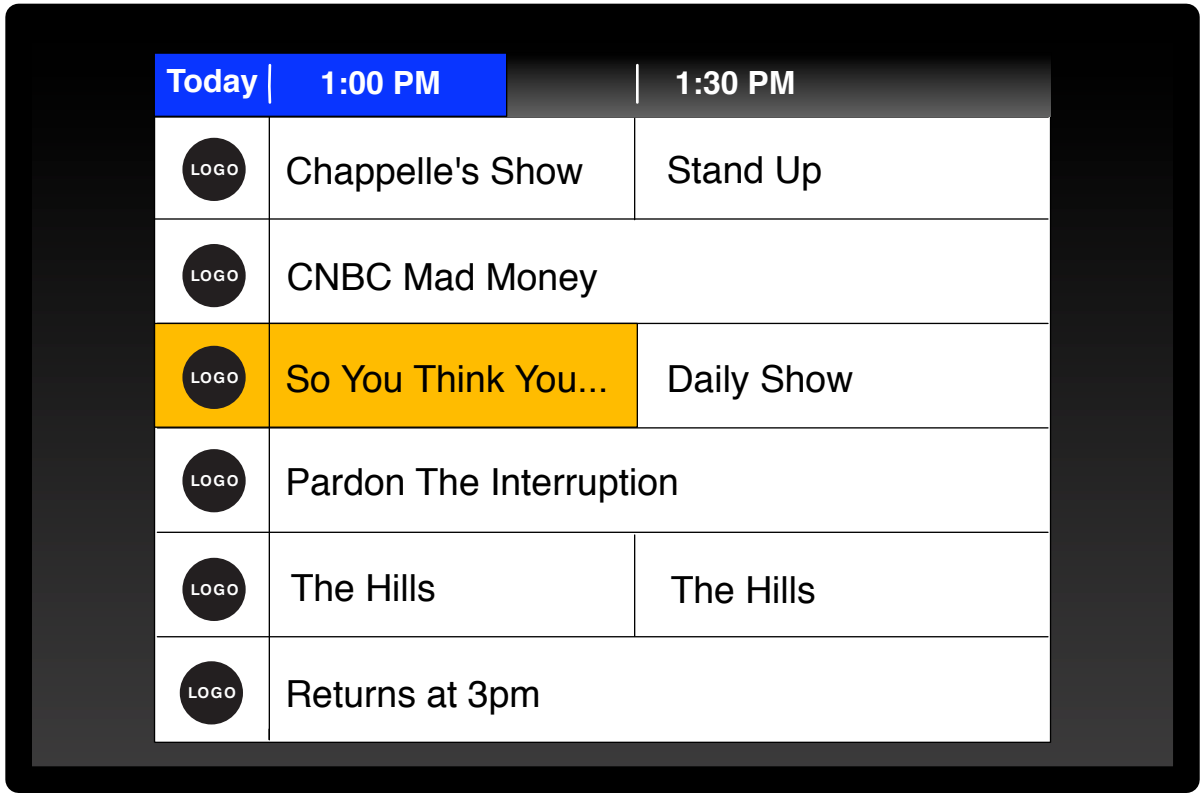
Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | FLO TV Channel | Favorite Hint



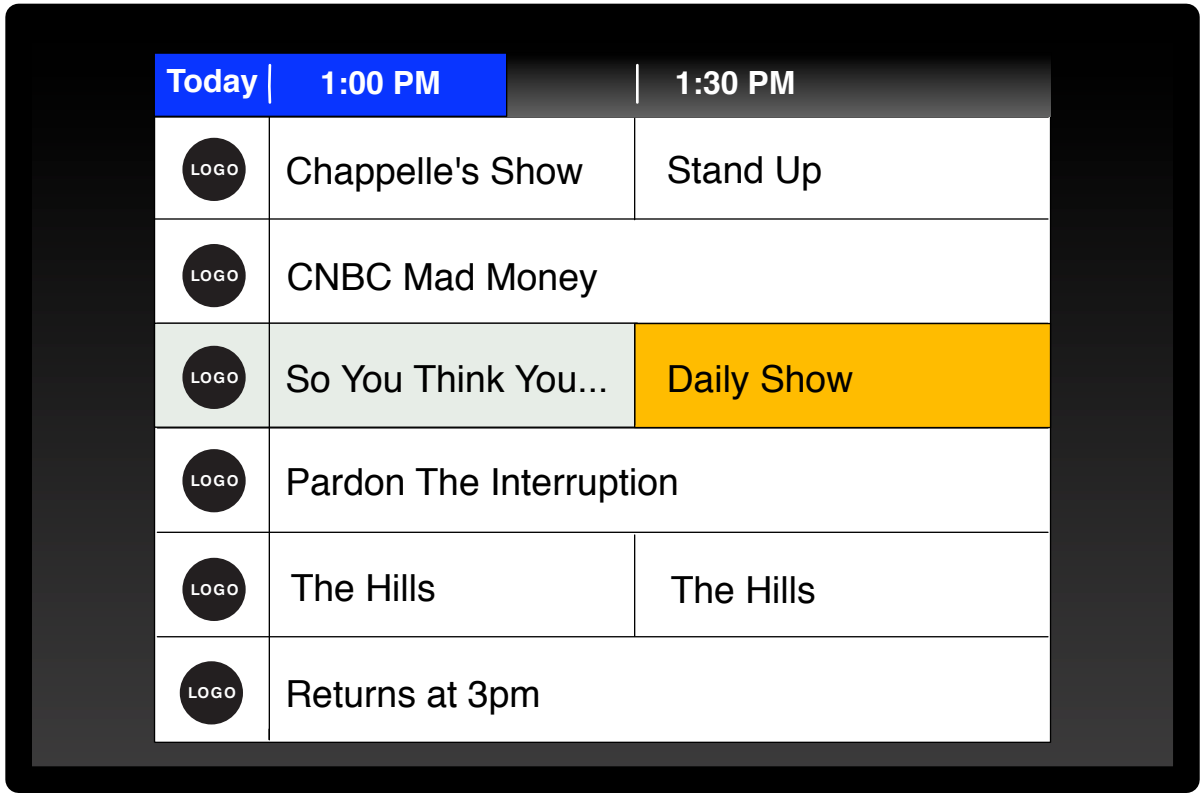
Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | EPG



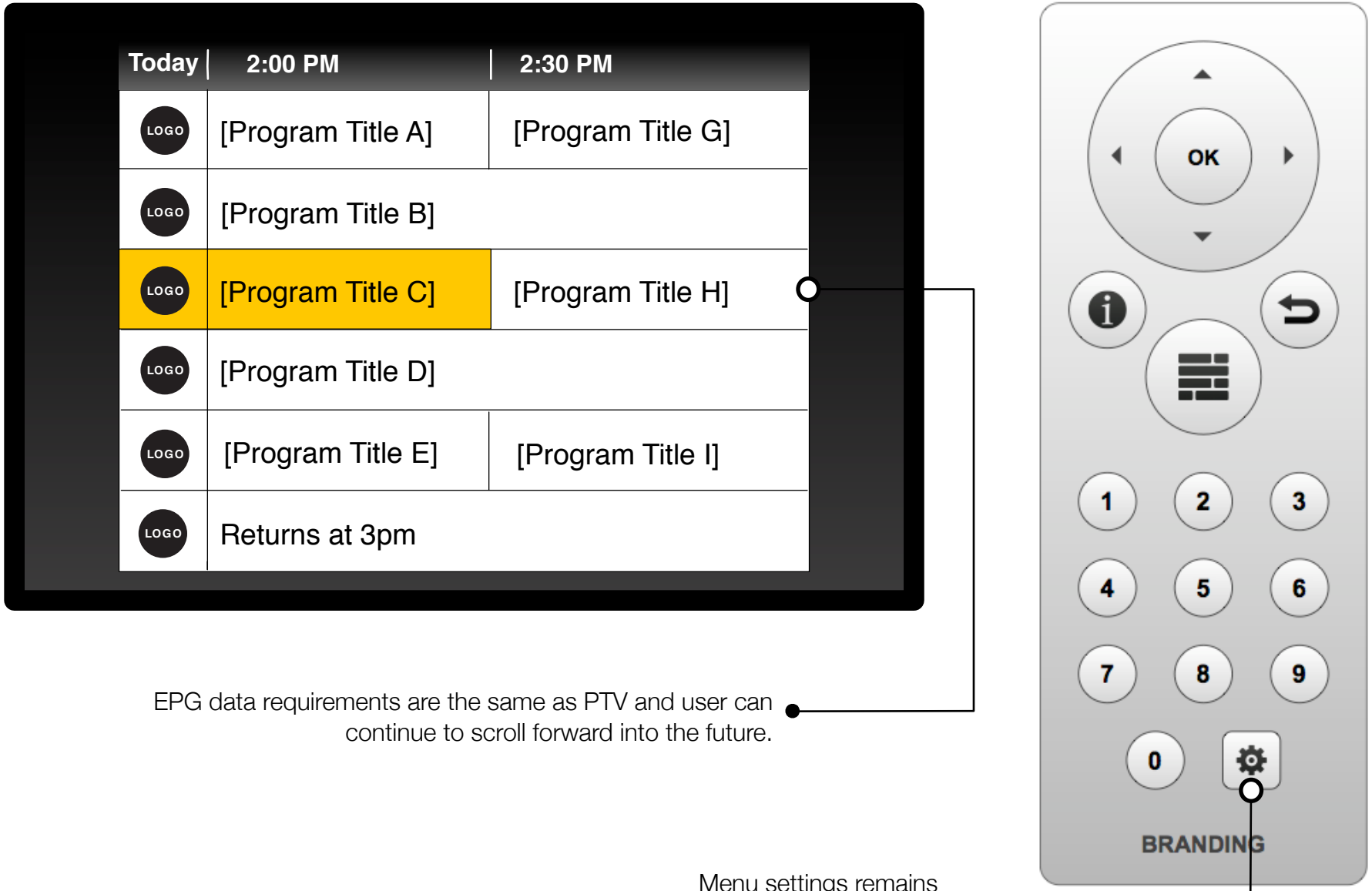
Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | EPG Future Show



Menu settings remains the same for subscribed and unsubscribed.

// TV | Unsubscribed | EPG More Guide Data



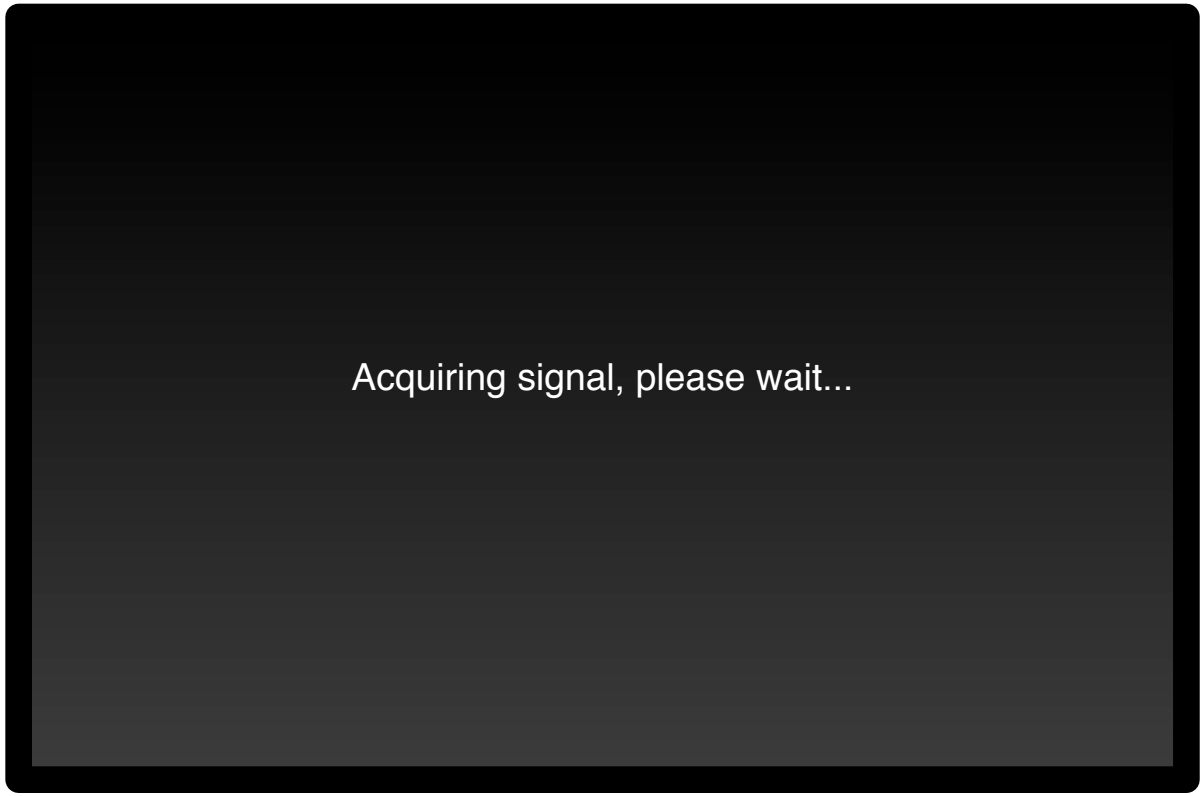
// TV | Unsubscribed | EPG Future Show Description

LOGO
Daily Show
1:30 - 2:00 PM I TV-14
Episode Title
Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Fusce tristique. Cras ipsum urna, semper vitae, aliquet eget, rutrum sed, pede. Morbi at sapien. Etiam cursus tincidunt est.

Menu settings remains the same for subscribed and unsubscribed.

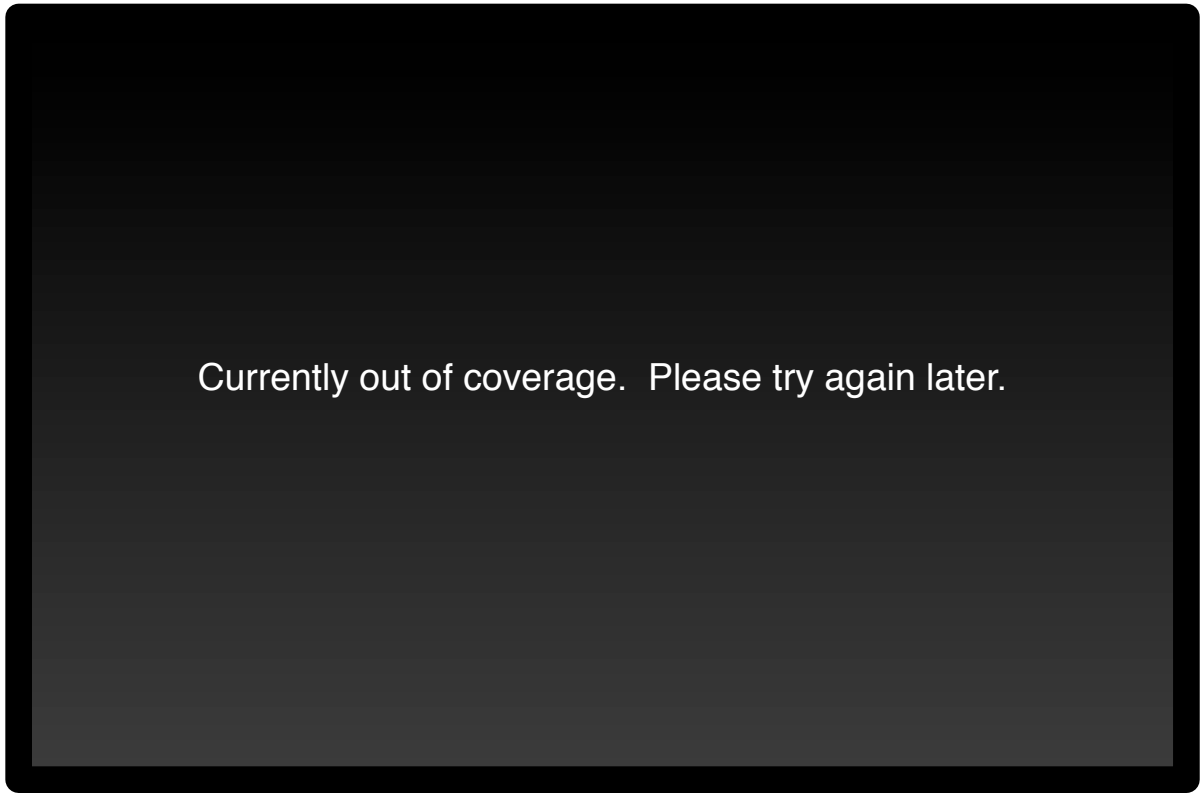
Signal States

// TV | Acquiring Signal



Menu settings remains the same for subscribed and unsubscribed.

// TV | Out Of Coverage



Menu settings remains the same for subscribed and unsubscribed.

End